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State of South Carolina
TWENTY-SEVENTH ANNUAL REPORT
of the
STATE BOARD OF
ENGINEERING EXAMINERS
to the
GOVERNOR

FOR YEAR ENDING JUNE 30, 1949



Roster of Registered Professional
Engineers, Land Surveyors and
Engineers-in-Training

1949

State of South Carolina
TWENTY-SEVENTH ANNUAL REPORT

of the
**STATE BOARD OF
ENGINEERING EXAMINERS**

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**Roster of Registered Professional
Engineers, Land Surveyors and
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1949**

Office of Board
505 Carolina Life Building, Columbia, S. C.
(Mail Address: P. O. Drawer 1404, Columbia, S. C.)

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Office of Board
205 Carolina Life Building, Columbia, S. C.
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Letter of Transmittal

TO THE GOVERNOR

Columbia, S. C., August 25, 1949.

*To His Excellency, Hon. J. Strom Thurmond,
Governor of South Carolina,
Columbia, S. C.*

Sir:

In compliance with Sections 7072 and 7073, Chapter 148, Article 2, Code of Laws of South Carolina, 1942, we have the honor to transmit this Twenty-seventh Annual Report of the activities of the Board, together with a statement of receipts and expenditures and a list of those registered in accordance with the law.

The Board desires to express its appreciation of the cooperation and assistance received from your office and other State Departments.

Respectfully submitted,

STATE BOARD OF ENGINEERING EXAMINERS,
ROBERT L. SUMWALT, *Chairman.*

Attest:

T. KEITH LEGARÉ, *Secretary.*

Personnel of South Carolina State Board of Engineering Examiners

Robert L. Sumwalt, *Chairman*, Columbia (Term expires July 1, 1953)

Dean, School of Engineering, University of South Carolina

Member, American Society of Civil Engineers

Member, South Carolina Society of Engineers

Member, South Carolina Society of Professional Engineers

Member, American Society for Engineering Education

Member, American Road Builders Association

Member, Advisory Board, National Bureau of Engineering Registration

Member, Committee on Engineers-in-Training, NCSBEE

F. R. Sweeny, *Vice-Chairman*, Anderson (Term expires July 1, 1952)

F. R. Sweeny and Company, Civil, Mechanical, Electrical and Industrial Engineers

Member, American Society of Civil Engineers

Member, South Carolina Society of Engineers

T. Keith Legare, *Secretary*, Columbia (Term expires July 1, 1950)
Executive Secretary, National Council of State Boards of Engineering Examiners

Chairman, Committee on Registration of Engineers, American Society of Civil Engineers

Member, South Carolina Society of Engineers

Member, South Carolina Society of Professional Engineers

Member, National Society of Professional Engineers

L. S. LeTellier, Charleston (Term expires July 1, 1954)

Head, Department of Engineering

The Citadel, The Military College of South Carolina

Member, American Society of Civil Engineers

Member, American Concrete Institute

Director, Civil Engineering Division, American Society for Engineering Education

Member, South Carolina Society of Engineers

Member, South Carolina Society of Professional Engineers

James H. Sams, Clemson (Term expires July 1, 1951)

Vice-Dean of Engineering and Professor of Mechanical Engineering, School of Engineering, Clemson

Member, American Society of Mechanical Engineers

Member, South Carolina Society of Engineers

Member, American Society for Engineering Education

REPORT

of the

State Board of Engineering Examiners

For the Fiscal Year Ending June 30, 1949

ACTIVITIES OF THE BOARD

During the past fiscal year the Board held four meetings at which it considered a total of 118 applications for registration. There were 61 engineers and 25 land surveyors approved. A number of applications are pending and will be acted on by the Board after review of records and, in some cases, after written examinations have been given. There are now in good standing 629 registered professional engineers, 149 registered land surveyors and 181 Engineers-in-Training.

The Board has investigated a number of violations of the registration law. These were adjusted by either registration or discontinuance of practice or discontinuance of improper use of title.

The accompanying financial statement shows all receipts and disbursements, and the accounts of the Board have been audited by the State Auditor.

Accompanying this report as a part thereof is the official Roster of Registered Engineers and Land Surveyors who are in good standing as of August 1, 1949, and who have paid the required annual renewal fee for the current fiscal year. This report includes the Roster of Engineers-in-Training who have been certified by the Board to date. This report also includes a copy of the Registration Act, the rules and regulations of the Board, and other general information pertaining to the legal registration of engineers.

Amendments to the Registration Act were passed by the State Legislature and approved by the Governor April 15, 1948. The registration of professional engineers and land surveyors is now being conducted in accordance with the new requirements and regulations in the amended Act. Under authority given in the Registration Act the Board has reduced the annual renewal fee from \$5.00 to \$3.00 for professional engineers and from \$3.00 to \$2.00 for land surveyors. Only one renewal fee of \$3.00 is required when a registrant has both classifications of engineer and surveyor.

REINSTATEMENT OF REGISTERED ENGINEERS

Provision is made in the Rules and Regulations of the Board, published elsewhere in this Report, for the "Reinstatement of Revoked or Lapsed Certificates" and, when any registrant who has not kept up his annual renewal wishes to have his legal registration made effective again, he may do so by meeting these requirements.

Because of the provisions of the Registration Act the Roster of Registered Engineers and Land Surveyors Authorized to Practice in the State of South Carolina published in this Report, does not contain the names of registrants who have not paid the current renewal fee.

MEETINGS, FEES, RENEWALS

Four meetings of the Board are held during the year and applicants are notified of the dates of the examinations when they are required to take such an examination. All applications for registration must be made on forms furnished by the Board, accompanied by the required fee and filed with the Secretary of the Board at least thirty days before meetings.

All certificates of registration expire on June 30th of each year and those who continue to practice after that date without renewal are violating the law. The annual renewal fee of \$3.00 for engineers and \$2.00 for land surveyors is payable on or before the thirtieth day of June. Only one fee of \$3.00 is required when classification includes both engineer and surveyor.

It is important that engineers practicing in this State keep their registration up to date and advise the office of the Board as to any change of title and address.

This office will be glad to furnish any engineers with information regarding registration in other states or any other information they may wish in connection with registration procedure.

HISTORY OF REGISTRATION ACT

The Act providing for the creation of the State Board of Engineering Examiners and the registration of professional engineers and land surveyors was passed by the State Legislature of South Carolina at the 1922 session and was approved by Governor R. A. Cooper on March 22, 1922. The Act, as then amended, was approved by Governor John G. Richards on

March 10, 1928. An amended Act, substituting the "Model Law" for the existing Act, was passed by the State Legislature and approved by Governor J. Strom Thurmond on April 15, 1948.

The first members of the Board were appointed and commissioned by Governor Wilson G. Harvey on May 31, 1922, and were as follows: G. E. Shand of Columbia, George Wrigley of Greenville, L. S. LeTellier of Charleston, W. S. Tomlinson of Columbia, and T. Keith Legaré of Columbia.

The Board held its first meeting in Columbia on June 17, 1922, and was organized by the election of officers and the appointment of committees. The present officers and members of the Board are given on page four.

Financial Statement

July 1, 1948 to June 30, 1949

Cash Balance, July 1, 1948..... \$ 8,004.48

Receipts:

Registration and Renewal Fees.....	\$5,377.00	
Less Exchange and Services.....	6.96	5,370.04
		<hr/>
		\$13,374.52

Disbursements:

Vouchers on Comptroller General.....	\$6,297.21	6,297.21
Cash Balance, June 30, 1949.....		7,077.31
		<hr/>
		\$13,374.52

ANALYSIS OF DISBURSEMENTS

July 1, 1948 to June 30, 1949

Salaries (Secretary).....	\$1,800.00
Clerical Help.....	1,200.00
Per Diem Board Members.....	105.00
Travel	195.30
Repairs	20.00
Examination Expenses.....	903.11
Office Rent.....	288.00
Office Supplies.....	463.88
Office Equipment	65.45
Printing and Advertising.....	1,022.01
Insurance (Secretary's Bond).....	15.00
Association Dues (National Council).....	150.00
Telephone and Telegraph.....	69.46
	<hr/>
	\$ 6,297.21

STATE OF SOUTH CAROLINA

County of Richland

I, T. Keith Legaré, Secretary of the State Board of Engineering Examiners, do hereby certify that the financial report herewith rendered is a correct statement of the finances of the State Board of Engineering Examiners, for the period specified.

T. KEITH LEGARÉ

Subscribed and sworn to before me this sixth day of September, 1949.

CLARKE W. McCANTS, JR.
Notary Public for S. C.

STATE OF SOUTH CAROLINA

County of Richland

I, Robert L. Sumwalt, Chairman of the State Board of Engineering Examiners, during the period beginning July 1, 1948 and ending June 30, 1949, do hereby certify that the financial statement herein rendered of the State Board of Engineering Examiners is true to my own knowledge, except those matters and facts stated on information and belief and as to those, I believe it to be true.

ROBERT L. SUMWALT

Subscribed and sworn to before me this fourteenth day of September, 1949.

FLORIDE P. GODDARD
Notary Public for S. C.

August 30, 1949

GOVERNOR J. STROM THURMOND, *Chairman*
State Budget Commission
Columbia, South Carolina

Dear Sir:

In compliance with the law, we have audited the accounts of the South Carolina Board of Engineering Examiners covering the period beginning July 1, 1948 and ending June 30, 1949.

The records of the Board are in agreement with the State Treasurer and it appears that all collections of record are properly accounted for and that disbursements have been made for proper purposes.

Respectfully submitted,

J. M. SMITH,
State Auditor.

Code of Laws of South Carolina 1942

Chapter 148

Regulation of Certain Professions, Trades and Businesses

Article 2

Engineers and Land Surveyors

AN ACT to amend Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, relating to the registration of Engineers and Land Surveyors so as to further regulate the practices of Engineering and Land Surveying; providing for the registration of qualified persons as Professional Engineers and Land Surveyors, and providing for the certification of Engineers-In-Training; defining the terms "Engineer", "Professional Engineer", "Engineer-In-Training", "Practice of Engineering", "Land Surveyor", and "Practice of Land Surveying"; creating a State Board of Engineering Examiners and providing for the appointment of its members; fixing the term of the Board and defining its powers and duties; setting forth the minimum qualifications and other requirements for registration; establishing fees with expiration and renewal requirements; and providing for the enforcement of this Act and penalties for its violation.

BE IT ENACTED by the General Assembly of the State of South Carolina:

Section 1. That Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, be, and the same are hereby, amended by striking out all of said sections and inserting in lieu the following:

General Provisions

Section 7063. In order to safeguard life, health, and property, and to promote the public welfare, any person in either public or private capacity practicing or offering to practice engineering or land surveying, shall hereafter be required to submit evidence that he is qualified so to practice and shall be registered as hereinafter provided; and it shall be **unlawful for any person to practice or to offer to practice in this State, engineering or land surveying**, as defined in the provisions of this Act, or to use in connection with his name or otherwise assume, use, or advertise any title or description tending to convey the impression that he is a professional engineer or a land surveyor, unless such person has been duly registered under the provisions of this Act.

Definitions

Section 7064. The term Engineer as used in this Act shall mean a Professional Engineer as hereinafter defined.

The term "**Professional Engineer**" within the meaning and intent of this Act shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and designs, acquired by professional education and practical experience, is qualified to practice engineering as hereinafter defined, as attested by his legal registration as a Professional Engineer.

The term "**Engineer-in-Training**" as used in this Act shall mean a candidate for registration as a Professional Engineer who is a graduate in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing, or who has had four years or more of experience in engineering work of a character satisfactory to the Board; and who, in addition, has successfully passed the examination in the fundamental engineering subjects prior to completion of the requisite years of experience in engineering work, as pro-

vided in Section 7076 of this Act, and who shall have received from the Board, as hereinafter defined, a certificate stating that he has successfully passed this portion of the professional examinations.

The term **"Practice of Engineering"** within the meaning and intent of this Act shall mean any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical, and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects.

A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this Act, who practices any branch of the profession of engineering; or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or through the use of some other title implies that he is a professional engineer; or who holds himself out as able to perform, or who does perform any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering.

The practice of engineering shall not include the work ordinarily performed by persons who operate or maintain machine or equipment.

The term **"Land Surveyor"** as used in this Act shall mean a person who engages in the practice of land surveying as hereinafter defined.

The practice of **"Land Surveying"** within the meaning and intent of this Act includes surveying of areas for their correct determination and description and for conveyancing, or for the establishment or reestablishment of land boundaries and the plotting of lands and subdivisions thereof.

The term **"Board"** as used in this Act shall mean the State Board of Engineering Examiners, provided for by this Act.

Board—Appointments—Terms

Section 7065. The State Board of Engineering Examiners is hereby continued whose duty it shall be to administer the provisions of this Act. The Board shall consist of five registered engineers, who shall be appointed by the Governor from among nominees recommended by the representative engineering societies in the State and shall have the qualifications required by Section 7066. The members of the first board shall be appointed within ninety days after the passage of this Act, to serve for the following terms: One member for one year, one member for two years, one member for three years, one member for four years, and one member for five years, from the date of their appointment, or until their successors are duly appointed and qualified. Every member of the Board shall receive a certificate of his appointment from the Governor and before beginning his term of office shall file with the Secretary of State his written oath or affirmation for the faithful discharge of his official duty. On the expiration of the term of any member, the Governor shall in the manner hereinbefore provided appoint for a term of five years a registered professional engineer, having the qualifications required by Section 7066, to take the place of the member whose term on said Board is about to expire. Each member shall hold office until the expiration of the term for which such member is appointed or until a successor shall have been duly appointed and shall have qualified. Notwithstanding anything herein contained, the present members of the Board shall continue in office as members of said Board until their present respective terms expire.

Board—Qualifications

Section 7066. Each member of the Board shall be a citizen of the United States and a resident of this State, and shall have been engaged in the

practice of engineering for at least twelve years, and shall have been in responsible charge of important engineering work for at least five years. Responsible charge of engineering teaching may be construed as responsible charge of important engineering work.

Board—Compensation and Expenses

Section 7067. Each member of the Board shall receive the sum of Ten (\$10.00) Dollars per diem when actually attending to the work of the Board or any of its committees and for the time spent in necessary travel; and, in addition thereto, shall be reimbursed for all actual traveling, incidental, and clerical expenses necessarily incurred in carrying out the provisions of this Act.

Board—Removal of Members—Vacancies

Section 7068. The Governor may remove any member of the Board for misconduct, incompetency, neglect of duty, or for any other sufficient cause. Vacancies in the membership of the Board shall be filled for the unexpired term by appointment by the Governor as provided in Section 7065.

Board—Meetings—Officers

Section 7069. The Board shall hold at least two regular meetings each year. Special meetings shall be held at such time as the by-laws of the Board may provide. Notice of all meetings shall be given in such manner as the by-laws may provide. The Board shall elect or appoint annually the following officers: A chairman, a vice-chairman, and a secretary. A quorum of the Board shall consist of not less than three members.

Board—Powers

Section 7070. The Board shall have the power to adopt and amend all by-laws and rules of procedure, not inconsistent with the constitution and laws of this State, which may be reasonably necessary for the proper performance of its duties and the regulations of the proceedings before it. The Board shall adopt and have an official seal.

In carrying into effect the provisions of this Act, the Board, under the hand of its chairman and the seal of the Board may subpoena witnesses and compel their attendance, and also may require the production of books, papers, documents, etc., in a case involving the revocation of registration or practicing or offering to practice without registration. Any member of the Board may administer oaths or affirmations to witnesses appearing before the Board. If any person shall refuse to obey any subpoena so issued, or shall refuse to testify or produce any books, papers, or documents, the Board may present its petition to such authority as may have jurisdiction, setting forth the facts, and thereupon such authority shall in a proper case, issue its subpoena to such person, requiring his attendance before such authority and there to testify or to produce such books, papers, and documents, as may be deemed necessary and pertinent by the Board. Any person failing or refusing to obey the subpoena or order of the said authority may be proceeded against in the same manner as for refusal to obey any other subpoena or order of the authority.

Receipts and Disbursements

Section 7071. The Secretary of the Board shall receive and account for all moneys derived under the provisions of this Act, and shall pay the same to the State Treasurer, who shall keep such moneys in a separate fund to be known as the fund of the Board of Engineering Examiners. Such fund shall be kept separate and apart from all other moneys in the Treasury, and shall be paid out only by vouchers regularly drawn by the Chairman and Secretary of the Board. All moneys in the fund of the Board of Engineering Examiners are hereby specifically appropriated for the use of the Board. The Secretary of the Board shall give

a surety bond to the State in such sum as the Board may determine. The premium on said bond shall be regarded as a proper and necessary expense of the Board, and shall be paid out of the fund of the Board of Engineering Examiners. The Secretary of the Board shall receive such salary as the Board shall determine in addition to the expenses provided for in Section 7067. The Board may employ such clerical or other assistants as are necessary for the proper performance of its work, and make expenditures of this fund for any purpose which in the opinion of the Board is reasonably necessary for the proper performance of its duties under this Act, including the expenses of the Board's delegates to annual meetings of, and membership dues to, the National Council of State Boards of Engineering Examiners. Under no circumstances shall the total amount of warrants issued by the Comptroller General in payment of the expenses and compensation provided for in this Act exceed the amount of the examination, registration and renewal fees collected as herein provided.

Records and Reports

Section 7072. The Board shall keep a record of its proceedings and a register of all applications for registration, which register shall show (a) the name, age, and residence of each applicant; (b) the date of the application; (c) the place of business of such applicant; (d) his educational and other qualifications; (e) whether or not an examination was required; (f) whether the applicant was rejected; (g) whether a certificate of registration was granted; (h) the date of the action of the Board; and (i) such other information as may be deemed necessary by the Board.

The records of the Board shall be prima facie evidence of the proceedings of the Board set forth therein, and a transcript thereof, duly certified by the Secretary of the Board under seal, shall be admissible in evidence with the same force and effect as if the original were produced.

Annually, as of June 30, the Board shall submit to the Governor a report of its transactions of the preceding year, and shall also transmit to him a complete statement of the receipts and expenditures of the Board, attested by affidavits of its chairman and its secretary.

Roster

Section 7073. A roster showing the names and places of business of all registered professional engineers and all registered land surveyors shall be published by the Secretary of the Board during the month of August of each year. Copies of this roster shall be mailed to each person so registered, placed on file with the Secretary of State, and furnished to the public upon request.

Requirements for Registration and Certification

Section 7074. The following shall be considered as minimum evidence satisfactory to the Board that the applicant is qualified for registration as a Professional Engineer, or Land Surveyor, or for certification as an Engineer-in-Training, respectively:

(1) As a Professional Engineer

a. **Graduation** in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing; and a specific record of an additional **four years or more of experience in engineering work of a character satisfactory to the Board, and indicating that the applicant is competent to practice engineering** (in counting years of experience, the Board at its discretion may give credit, not in excess of one year, for satisfactory graduate study in engineering), provided that in a case where the evidence presented in the application does not appear to the Board conclusive nor warranting the issuing of a certificate of registration, the applicant may be required to present further evidence for the consideration of the Board, and may also be required to pass an oral or written examination, or both, as the Board may determine; or

b. A specific record of eight years or more of experience in engineering work of a character satisfactory to the Board and indicating that the applicant is competent to practice engineering; and successfully passing a written, or written and oral, examination designed to show knowledge and skill approximating that attained through graduation in an approved four-year engineering curriculum; or

c. A specific record of twelve years or more of lawful practice in engineering work of a character satisfactory to the Board and indicating that the applicant is competent to practice engineering and provided applicant is not less than thirty-five years of age.

(2) As an **Engineer-in-Training**

a. **Graduation** in an accredited engineering curriculum of four scholastic years or more from a school or college approved by the Board as of satisfactory standing, and successfully passing a written examination in the basic engineering subjects; or

b. A specific record of four years or more of experience in engineering work of a character satisfactory to the Board, and successfully passing a written examination in the basic engineering subjects.

(3) As a **Land Surveyor**

a. **Graduation** from a school or college approved by the Board as of satisfactory standing, including the completion of an approved course in surveying; and an additional two years or more of experience in land surveying work of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; or

b. A specific record of six years or more of experience in land surveying work of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; and successfully passing a written, or written and oral, examination in surveying prescribed by the Board; or

c. A specific record of ten years or more of lawful practice in land surveying work of a character satisfactory to the Board; and provided applicant is not less than thirty years of age.

No person shall be eligible for registration as a Professional Engineer, or Land Surveyor, or certification as an Engineer-in-Training, who is not of good character and reputation.

In considering the qualifications of applicants, engineering teaching may be construed as engineering experience.

The satisfactory completion of each year of an approved curriculum in engineering in a school or college approved by the Board as of satisfactory standing, without graduation, shall be considered as equivalent to a year of experience in Section 7074 (1) b and (2) b. Graduation in a curriculum other than engineering from a college or university of recognized standing may be considered as equivalent to two years of experience in Section 7074 (1) b and (2) b; PROVIDED, HOWEVER, that no applicant shall receive credit for more than four years of experience because of under-graduate educational qualifications.

The mere execution, as a contractor, of work designed by a professional engineer, or the supervision of the construction of such work as a foreman or superintendent shall not be deemed to be the practice of engineering.

Any person having the necessary qualifications prescribed in this Act to entitle him to registration shall be eligible for such registration although he may not be practicing his profession at the time of making his application.

Applications and Registration Fees

Section 7075. Applications for registration shall be on forms prescribed and furnished by the Board, shall contain statements made under oath, showing the applicant's education and detailed summary of his technical

work, and shall contain not less than five references, of whom three or more shall be registered engineers having personal knowledge of his engineering experience.

The **registration fee for professional engineers** shall be Twenty-five (\$25.00) Dollars, Fifteen (\$15.00) Dollars of which shall accompany application, the remaining Ten (\$10.00) Dollars to be paid upon issuance of certificate. When a Certificate of Qualification issued by the **National Bureau of Engineering Registration** is accepted as evidence of qualification, the total fee for registration as Professional Engineer shall be Fifteen (\$15.00) Dollars.

The **fee for Engineer-in-Training** shall be Five (\$5.00) Dollars, which shall accompany the application and shall include the cost of examination and issuance of certificate. When registration as a Professional Engineer is completed by an Engineer-in-Training, an additional fee of Twenty (\$20.00) Dollars shall be paid before issuance of certificate as a Professional Engineer.

A person who is a resident of the state and has been **certified in another state** as an **Engineer-in-Training** may upon the payment of a fee of One (\$1.00) Dollar be certified as an Engineer-in-Training in South Carolina provided he submits evidence satisfactory to the Board that he has been certified as an Engineer-in-Training in another state under qualifications substantially equivalent to those specified in this Act for certification as an Engineer-in-Training.

The **Registration fee for Land Surveyors** shall be Fifteen (\$15.00) Dollars, which shall accompany application.

Should the Board deny the issuance of a certificate of registration to any applicant the initial fee deposited shall be retained as an application fee.

Examinations

Section 7076. When oral or written examinations are required, they shall be held at such time and place as the Board shall determine. When examinations are required on fundamental engineering subjects (such as are ordinarily given in college curricula), the applicant shall be permitted to take this part of the professional examination prior to his completion of the requisite years of experience in engineering work, and satisfactory passage of this portion of the professional examination by the applicant shall constitute a credit for a period of ten years. The Board shall issue to each applicant upon successfully passing the examination in fundamental engineering subjects a certificate stating that he has passed the examination and that his name has been recorded as an Engineer-in-Training.

The scope of the **examinations** and the methods of procedure shall be prescribed by the Board with **special reference to the applicant's ability to design and supervise engineering works so as to insure the safety of life, health, and property.** Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in engineering and in land surveying. A candidate failing on examinations may apply for re-examination at the expiration of one year and will be re-examined without payment of additional fee. Subsequent examination will be granted upon payment of a fee to be determined by the Board.

Certificates—Seals

Section 7077. The Board shall issue a certificate of registration upon payment of registration fee as provided for in this Act, to any applicant who, in the opinion of the Board, has satisfactorily met all the requirements of this Act. In case of a Registered Engineer, the certificate shall authorize the "practice of engineering." In the case of an Engineer-in-Training, the certificate shall state that the applicant has successfully passed the examination in fundamental engineering subjects required by the Board and has been enrolled as an "Engineer-in-Training." In the

case of a Registered Land Surveyor, the certificate shall authorize the "practice of land surveying." Certificates of registration and certificates as Engineer-in-Training shall show the full name of the registrant, shall have a serial number, and shall be signed by the chairman and the secretary of the Board under seal of the Board.

The issuance of a certificate of registration by this Board shall be prima facie evidence that the person named therein is entitled to all the rights and privileges of a Registered Professional Engineer, or of a Registered Land Surveyor, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder shall upon registration obtain a seal of the design authorized by the Board, bearing the registrant's name and the legend, "Registered Professional Engineer", or "Registered Land Surveyor." Plans, specifications, plats, and reports prepared by a registrant shall be stamped with the said seal when filed with public authorities, during the life of the registrant's certificate, but it shall be unlawful for any one to stamp or seal any documents with said seal after the certificate of the registrant named thereon has expired or has been revoked, unless said certificate shall have been renewed or reissued.

Annual Renewals

Section 7078. The registration year for professional engineers and land surveyors shall be from July 1st to June 30th in each and every year. Every certified professional engineer registered under the provisions of this article who desires to continue the practice of his profession shall annually during the month of June pay to the Secretary of the Board of Engineering Examiners a fee of Five (\$5.00) Dollars or such smaller amount as may be prescribed by the Board, for which fee a renewal registration card for the ensuing registration year shall be issued. Every land surveyor so registered under this article who desires to continue the practice of his profession shall annually during the month of June pay to the Secretary of the Board a fee of Three (\$3.00) Dollars or such smaller amount as may be prescribed by the Board for which fee a renewal registration card for the ensuing registration year shall be issued.

Status of Certificates Heretofore Issued

Section 7079. No person who heretofore has been duly registered as a professional engineer or land surveyor under the laws of South Carolina and whose registration has not been revoked, shall be required to register again under this Act, and his former registration shall be fully recognized under the provisions of this Act. All certificates heretofore issued and not revoked shall have the same force and effect as if they had been issued under the provisions of this Act, and shall be subject to the same rules, terms and conditions as are the certificates provided for in this Act.

Registrants of Other States—Registration by Endorsement

Section 7080. The Board may, upon application therefor, and the payment of a fee of Fifteen (\$15.00) Dollars, issue a Certificate of Registration as a Professional Engineer to any person who holds a Certificate of Qualification or Registration issued to him by proper authority of the National Council of State Boards of Engineering Examiners, or of the National Bureau of Engineering Registration, or of any State or territory or possession of the United States, or of any country, provided that the applicant's qualifications meet the requirements of this Act and the rules established by the Board.

Revocations—Reissuance of Certificates—Appeals

Section 7081. The Board shall have the power to revoke the certificate of registration of any registrant who is found guilty of:

(a) The practice of any fraud or deceit in obtaining a certificate of registration;

(b) Any gross negligence, incompetency, or misconduct in the practice of engineering or land surveying as a Registered Professional Engineer or Land Surveyor.

Any person may prefer charges of fraud, deceit, gross negligence, incompetency, or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making them and shall be filed with the Secretary of the Board.

All charges, unless dismissed by the Board as unfounded or trivial, shall be heard by the Board within three months after the date on which they shall have been preferred.

The time and place for said hearing shall be fixed by the Board, and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed to the last known address of such registrant, at least thirty days before the date fixed for the hearing. At any hearing, the accused registrant shall have the right to appear personally and by counsel, to cross-examine witnesses appearing against him, and to produce evidence and witnesses in his own defense.

If, after such hearing, three or more members of the Board vote in favor of finding the accused guilty, the Board shall revoke the certificate of registration of such registered Professional Engineer or Land Surveyor.

The Board, for reasons it may deem sufficient, may reissue a certificate of registration to any person whose certificate has been revoked, providing three or more members of the Board vote in favor of such reissuance. A new certificate of registration, to replace any certificate revoked, lost, destroyed or mutilated, may be issued, subject to the rules of the Board, and a charge of Three (\$3.00) Dollars shall be made for such issuance.

Any person who shall feel aggrieved by any action of the Board in denying or revoking his certificate of registration may appeal therefrom to the Circuit Court, and after full hearing, said Court shall make such decree sustaining or reversing the action of the Board as to it may seem just and proper.

Violations—Penalties

Section 7082. Any person who shall practice, or offer to practice, engineering or land surveying in this State without being registered in accordance with the provisions of this Act, or any person presenting or attempting to use as his own the certificate of registration or the seal of another, or any person who shall give any false or forged evidence of any kind to the Board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any other registrant, of like or different names, or any person who shall attempt to use an expired or revoked certificate of registration, or any person who shall violate any of the provisions of this Act, shall be guilty of a misdemeanor, and shall, upon conviction, be sentenced to pay a fine of not less than One Hundred (\$100.00) Dollars, nor more than Five Hundred (\$500.00) Dollars, or suffer imprisonment for a period not exceeding three months, or both.

It shall be the duty of all duly constituted officers of the law of this State, or any political subdivision thereof, to enforce the provisions of this Act and to prosecute any persons violating same. The Attorney-General of the State or his assistant shall act as legal adviser of the Board and render such legal assistance as may be necessary in carrying out the provisions of this Act.

Exemption—Registration Not Required

Section 7083. This Act shall not be construed to prevent or to affect:

(a) The practice of any other legally recognized profession or trade; or

(b) The practice of a person not a resident of and having no established place of business in this State, practicing or offering to practice herein the profession of engineering or land surveying, when such practice

does not exceed in the aggregate more than thirty days in any calendar year; PROVIDED, such person is **legally qualified by registration** to practice the said profession in **his own State or country** in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act; or

(c) The practice of a person not a resident of and having no established place of business in this State, or who has **recently become a resident** thereof, practicing or offering to practice engineering or land surveying herein for more than thirty days in any calendar year, if he shall have **filed with the Board an application for a certificate of registration** and shall have paid the fee required by this Act; PROVIDED, that such a person is **legally qualified by registration** to practice engineering or land surveying in **his own State or country** in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act. Such practice shall continue only for such time as the Board requires for the consideration of the application for registration; or

(d) The **work of an employee or a subordinate of a person holding a certificate of registration** under this Act, or an employee of a person practicing lawfully under Paragraphs (b) or (c) of this Section; PROVIDED, such **work does not include final designs or decisions and is done under the direct responsibility, checking, and supervision of a person holding a certificate of registration** under this Act or a person practicing lawfully under Paragraphs (b) or (c) of this Section; or

(e) The practice of officers and employees of the Government of the United States while engaged within this State in the practice of engineering or land surveying, for said government.

(f) The work or practice of a regular employee of a public service company, or public utility, by rendering to such company engineering service in connection with its facilities which are subject to **regulation, supervision, and control**, in order to safeguard life, health and property by the Public Service Commission of the State of South Carolina so long as such person is thus actually and exclusively employed and no longer.

Section 2. If any Section, or Sections, of this Act shall be declared unconstitutional or invalid, this shall not invalidate any other Section of this Act.

Section 3. All laws, or parts of laws, in conflict with the provisions of this Act shall be, and the same are hereby, repealed.

Section 4. This Act shall take effect upon its approval by the Governor.

Approved March 22, 1922.

Amended March 10, 1928.

Amended April 15, 1948.

State Board of Engineering Examiners By-Laws and Rules of Procedure

Adopted September 14, 1922

Revised July 13, 1937

Revised June 25, 1946

Revised May 8, 1948

Revised July 12, 1948

Under the authority of an Act of the General Assembly approved by the Governor, March 22, 1922, and entitled an Act providing for the creation and establishment of a State Board of Engineering Examiners, etc., and an Act to amend Sections 7063-7084, inclusive, Code of Laws of South Carolina, 1942, Relating to the Registration of Engineers and Land Surveyors, approved by the Governor April 15, 1948, the following By-Laws and Rules of Procedure for the administration of said Act are hereby adopted.

Meetings—The Board will hold four meetings a year, spaced approximately three months apart, the dates to be selected by the Chairman and the Secretary. Special meetings may be called by the Chairman at his discretion or at the request of three members of the Board, provided that at least five days notice in writing be given to every member of the Board. Meetings will be held at such place as a majority of the Board may direct. A majority of the Board shall constitute a quorum.

Election and Duties of Officers—The officers of the Board shall be elected at the regular Summer meeting of the Board, and shall hold office until their successors are elected and qualified.

The Chairman, and in his absence the Vice-Chairman, shall perform the usual duties of this office.

The Secretary shall keep a careful record of all proceedings of the Board, act as custodian of all records, the seal, and other property and papers belonging to the Board. He shall prepare annually and submit to the Board a written report covering the transactions of the Board for the fiscal year immediately preceding, together with a list of all land surveyors and professional engineers registered under the authority of the Act, with their addresses and date of registration; and a complete statement of all receipts and expenditures for the fiscal year. This report will be signed by the Chairman and the Secretary and forwarded to the Governor and a copy filed with the Secretary of State, all of which as required by said Act.

The Secretary will be furnished such clerical assistance and paid such salary as the Board may direct.

The Secretary will give a surety bond in the sum of Three Thousand (\$3,000.00) Dollars, as provided in the Act, said bond to be approved by the Board.

Seal of the Board—The seal of the Board shall be circular in form and $1\frac{7}{8}$ inches in diameter. Concentric with the outside of the seal there shall be a circle $1\frac{1}{4}$ inches in diameter, within which there shall be a replica of the device used on the Seal of the State of South Carolina, and in the annular space between the circle and the outside of the Seal there shall appear the words, "State Board of Engineering Examiners." All official papers, registration certificates, and other formal documents of the Board shall bear the imprint of this Seal.

Seal of Registered Engineers and Land Surveyors—The seal of engineers and land surveyors registered by the Board shall be $1\frac{9}{16}$ inches in diameter and similar to that prescribed for the Board. In the center there shall appear the words, "Registered Professional Engineer", in the case of engineers; the words, "Registered Land Surveyor", in the case of land surveyors; and the words, "Registered Professional Engineer and Land Surveyor", in the case of engineers and surveyors. In the space between the circle and the outside of the seal shall appear the words, "South Carolina" and the name of the registrant.

Annual Renewal Fees—All certificates of registration will expire on June 30 of each year unless renewed during the month of June in accordance with the provisions of the Act. On payment of the required annual renewal fee a renewal registration card will be issued to the registrant. The renewal fee for professional engineers shall be Three (\$3.00) Dollars and the renewal fee for land surveyors shall be Two (\$2.00) Dollars. In the case of a registrant who is registered as both professional engineer and land surveyor, only one fee of Three (\$3.00) Dollars shall be required.

Applications for Registration—All applications for registration must be made on the forms provided by the Board. No application will be considered unless properly filled in and sworn to before an officer authorized to administer oaths.

Applications for registration must be filed with the Secretary at least thirty days in advance of a meeting of the Board in order to be considered at said meeting, and must in all cases be accompanied by the required fee.

In the case of a candidate who applies for registration as both professional engineer and land surveyor at the same time, only one application fee of Fifteen (\$15.00) Dollars shall be required. The remaining Ten (\$10.00) Dollars of the registration fee as professional engineer shall be paid when registration is approved.

Examinations—When oral or written examinations are required the candidate will be notified by the Secretary as to the time and place of the examination. Examinations shall be given

by the Board, or a Committee of the Board, or under the direction of the Secretary. In all cases final decision as to whether or not a candidate has passed an examination must be acted on by the full Board, or a quorum thereof.

Examination questions will be prepared by members of the Board or by qualified persons appointed by the Board to prepare and grade examination questions. When persons other than members of the Board are engaged to prepare and grade examination questions they shall be paid for their services such an amount as may be approved by the Board.

Reinstatement of Expired Certificates—Any registered professional engineer or registered land surveyor who submits to the Board an affidavit certifying that he has in no way practiced or offered to practice in South Carolina, professional engineering if an engineer, or land surveying if a land surveyor, during any registration year from July 1 to June 30, accompanied by a statement showing in detail all work performed during this period, may be exempted by the Board from payment of the annual renewal fee prescribed in Section 7078 of the Act, for the specific period stated in his affidavit, provided the application for reinstatement of registration is accompanied by the renewal fee for the current year.

Registrants of Other States, Registration by Endorsement—The Board may, upon application therefor, properly prepared on the prescribed form and the payment of the fee of Fifteen (\$15.00) Dollars, issue a Certificate of Registration as a Professional Engineer to any person who holds a Certificate of Qualification issued to him by the National Bureau of Engineering Registration, or who is legally registered or licensed in any state or territory of the United States, or in any country, provided the applicant's qualifications meet the requirements of this Act and the rules established by the Board.

GENERAL INFORMATION

The National Headquarters of the National Council of State Boards of Engineering Examiners is located in Columbia and the office is operated jointly with the South Carolina Board. The membership of the National Council is composed of fifty-one Member Boards including all the states and Alaska, Hawaii, and Puerto Rico. There are approximately 150,000 registered professional engineers in the United States.

The office of the National Council will furnish upon request any specific information that is available regarding the legal registration or licensing of professional engineers. However, the following is the information generally required.

Engineers who wish to secure legal registration or license in any particular state must communicate directly with the state board or department in that state and request its application form and regulations.

The District of Columbia is the only section in this country which does not have a registration or license law. Alaska, Hawaii, Puerto Rico and the Provinces of Canada have registration laws regulating the practice of engineering.

Registration or license in one state, or certification by the National Bureau of Engineering Registration, does not permit or authorize the practice of engineering in other states. However, most states grant registration to registrants of other states, or temporary permits to practice, provided they first comply with the regulations of those states and have the required qualifications.

The registration laws of all states are not uniform due to local conditions, date of adoption, etc.; however, most laws require either graduation in an accredited engineering curriculum, or a written engineering examination, or adequate and satisfactory engineering experience, or a combination of these.

Registered engineers who require registration or license in several states will find that their application for registration is greatly expedited and, in most cases, promptly approved when they have been certified by the National Bureau of Engineering Registration and endorsed by their State Board of Registration. This service to professional engineers is one of the functions of NCSBEE and the "Information Pamphlet" of the Registration Bureau containing the procedure, requirements and fees can be secured from the Executive Secretary.

The definitions of a Professional Engineer and of the Practice of Engineering contained in the Model Law approved and endorsed by thirteen of the principal national engineering organizations are as follows:

"The term professional engineer within the meaning and intent of this Act shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design, acquired by professional education and practical experience, is qualified to practice engineering as hereinafter defined, as attested by his legal registration as a professional engineer.

"The term practice of engineering within the meaning and intent of this Act shall mean any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and designs, in connection with any public or private utilities, structures, buildings, machines, equipment, processes, works, or projects.

"A person shall be construed to practice or offer to practice engineering, within the meaning and intent of this Act, who practices any branch of the profession of engineering; or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a professional engineer, or through the use of some other title implies that he is a professional engineer; or who holds himself out as able to perform, or who does perform, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as engineering."

Legal Basis for Registration

"Regulation of the professions comes under the police powers of the state. Wherever the public health and public safety are involved or where property or personal rights are endangered, the state may interfere to protect its citizens.

"Practically every design, every operation and every process undertaken by the engineer has public implications. If he builds a bridge, designs a dynamo, constructs a steam turbine or develops

a process he must consider the safety of the user and the general public. If he builds a water supply, installs air conditioning units, builds a reduction plant or lights a building, the public health and public safety are involved. Engineering, therefore, comes under the police powers of the state.

"Registration is achieved in two ways, either by protecting the use of the title or by regulating the actual practice of the profession. Both methods have been declared constitutional by state courts." (Excerpt from "Information for Engineering Students" by N. W. Dougherty.)

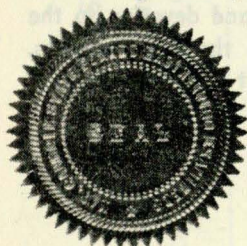
Resolution of Recognition and Appreiation To T. Keith Legare

Whereas, the 27th Annual Meeting of the National Council of State Boards of Engineering Examiners, August 26-28, 1948, at Salt Lake City, Utah, marks the occasion of the completion of a quarter century by T. Keith Legare as its Executive Secretary, and

Whereas, the National Council of State Boards of Engineering Examiners wishes to express its high personal esteem and to record its sincere tribute to T. Keith Legare for the excellent service he has rendered to the Council, and the leadership he has given to the engineering profession, and

Whereas, he has had a long record of professional accomplishment as an engineer in private practice, and by active participation in professional activities has contributed much toward the attainment of an increasingly higher standard in the profession; therefore, be it

Resolved, That the National Council of State Boards of Engineering Examiners herein expresses its sincere appreciation and thanks to T. Keith Legare for his excellent service to the Council during the past twenty-five years, and for his leadership in the profession during this period.



George M. Shepard
President

Alexander Blair
Vice President

Walter W. Giff
Director

Russell G. Warner
Director

W. H. Hemmington
Past President

Clarence L. Edsel
Director

Elisabeth Baker
Director

Presented this 28th of August, 1948, Salt Lake City, Utah

Faith of the Engineer

I am an Engineer. In my profession I take deep pride, but without vainglory, to it I owe solemn obligations that I am eager to fulfill.

As an Engineer, I will participate in none but honest enterprise. To him that has engaged my services, as employer or client, I will give the utmost of performance and fidelity.

When needed, my skill and knowledge shall be given without reservation for the public good. From special capacity springs the obligation to use it well in the service of humanity; and I accept the challenge that this implies.

Jealous of the high repute of my calling, I will strive to protect the interests and the good name of any engineer that I know to be deserving; but I will not shrink, should duty dictate, from disclosing the truth regarding anyone that, by unscrupulous act, has shown himself unworthy of the profession.

Since the Age of Stone, human progress has been conditioned by the genius of my professional forebears. By them have been rendered usable to mankind Nature's vast resources of material and energy. By them have been vitalized and turned to practical account the principles of science and the revelations of technology. Except for this heritage of accumulated experience, my efforts would be feeble. I dedicate myself to the dissemination of engineering knowledge, and especially, to the instruction of younger members of my profession in all its arts and traditions.

To my fellows I pledge, in the same full measure I ask of them, integrity and fair dealing, tolerance and respect, and devotion to the standards and the dignity of our profession; with the consciousness, always, that our special expertness carries with it the obligation to serve humanity with complete sincerity.

Roster of Registered Professional Engineers

Authorized to Practice Engineering in the State of South Carolina, as of August 1, 1949

Key to abbreviations: C.E., Civil Engineer; E.E., Electrical Engineer; E.M., Mining Engineer; M.E., Mechanical Engineer; L.S., Land Surveyor; N.A., Naval Architect.

	Name and Position	Address	Branch	Certificate	
				Date	No.
	ABLE, THOMAS A., Jr., Engr., Fiske-Carter Const. Co.	Box 692, Greenville, S. C.	C.E.	6-25-46	769
	ADAMS, DAVID G., Engineer, Layne Atlantic Co.	P. O. Box 1568 Norfolk, Va.	C.E.,L.S.	3-22-23	70
27	ADAMS, J. K., Engineer, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	3-22-23	72
	ADAMS, R. R., Partner, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	6-21-38	460
	ADAMS, T. C., City Engineer, City of Greenville	City Hall, Greenville, S. C.	C.E.	6-22-26	307
	ALLEN, E. L., Resident Eng., Robert & Co. Associates, Inc.	96 Poplar St., N.W., Atlanta, Ga.	C.E.,L.S.	7-12-32	375
	ALLEN, JULIAN H., Project Engineer, Air Material Command, Wright Field	Box 513, Riverdale Sta., Dayton 5, Ohio	M.E.	6-25-46	784
	ANDERSON, JOHN Prof. of Civil Engineering, The Citadel	Charleston, S. C.	C.E.	9-14-22	7
	ANDERSON, NOEL S., Distr. Engr., Public Roads Administration	210 Creason Building, Columbia, S. C.	C.E.,E.M.	3-22-23	246
	ANDERSON, PAUL H., The Harwood Beebe Co.	208 Montgomery Bldg., Spartanburg, S. C.	C.E.,L.S.	7-12-32	376

ANDERSON, S. PICKENS McKoy-Werry Co.	Spartanburg, S. C.	C.E.,L.S.	6-25-46	772
ANDREWS, CHARLES C., City Engineer	City Hall, Anderson, S. C.	L.S. C.E.	12-7-43 12-4-45	610
ANDREWS, TANNER M., Celanese Corp. of America	2 Park Ave., New York, N. Y.	C.E.	12-4-46	801
ANSON, EDWARD H., Vice-Pres., Gibbs & Hill, Inc.	Penna. Station, Room 491, New York, 1, N. Y.	C.E.,M.E.,E.E.	1-28-49	1061
ARMSTRONG, GEORGE S., Pres., George S. Armstrong & Co.	52 Wall Street, New York, 5, N. Y.	C.E.,M.E.	5-1-39	482
ARNOLD, RICHARD S., Chief Engr., Carrier Corp.	300 Ivy St., Atlanta, 3, Ga.	M.E.	12-4-45	670
ASBURY, A. D., Partner, J. E. Sirrine Co., Engrs.	P. O. Box 960, Greenville, S. C.	M.E.	12-1-42	593
ASTON, WALTER G., Construction Examiner, F.H.A.	1401 Hampton Street, Columbia, S. C.	C.E.	12-5-45	683
AULL, L. B., Jr., Asst. District Engineer, State Highway Dept.	Box 1139, Greenville, S. C.	C.E.,L.S.	12-3-35	415
BABB, ROBERT E., Jr., Constr. Engr., S. C. Power Co.	141 Meeting St., Charleston, 50, S. C.	C.E.,L.S.	7-11-33	384
BAKER, BROUGHTON L., Assoc. Prof., Chemical Engrg.	University of S. C., Columbia, S. C.	Ch.E.	6-29-48	991
BARBER, BRUCE P., Pres., Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	C.E.,L.S.	7-13-37	445
BARBOT, DECIMUS C., State Highway Dept.	321 Nat. Cemetery Road, Florence, S. C.	C.E.,L.S.	9-23-48	1018
BARKSDALE, G. ROY	P. O. Box 122, Troy, N. C.	E.E.	7-13-37	438
BARNARD, CHARLES C., Partner, Barnard & Burk	314 Triad Bldg., Baton Rouge, La.	C.E.	5-3-49	1075
BARNWELL, ROBERT E., Vice-Pres., Lockwood Greene Engrs., Inc.	Montgomery Bldg., Spartanburg, S. C.	M.E.	7-13-37	442

BARRE, B. H., Chief Engr., S. C. Public Service Commission	319 Wade Hampton Bldg., Columbia, S. C.	E.E.	12-6-32	380
BAUER, JACOB W., Engineer, Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	L.S. C.E.	6-17-41 6-25-47	546
BEARDEN, WALTER C., Partner, Carter & Bearden	407 Legal Bldg., Asheville, N. C.	C.E.	6-25-46	758
BECK, LAWRENCE T., Lawrence T. Beck & Assoc.	250 Park Ave., New York, 17, N. Y.	C.E.	6-9-47	846
BECKHAM, W. K., Maintenance Engr., State Highway Dept.	Calhoun Office Bldg., Columbia, 11, S. C.	C.E., L.S.	9-14-22	10
BEEBE, HARWOOD, Sr. Partner, The Harwood Beebe Co.	208 Montgomery Bldg., Spartanburg, S. C.	C.E., L.S.	3-22-23	88
BELL, JOHN,	2005 Wheat St., Columbia, S. C.	C.E.	12-3-46	814
BELL, JOHN D., Jr. Sales Engr., Carolina Wholesale Co.	1810 Gervais St., Columbia, S. C.	E.E.	12-4-45	681
BELLAMY, ROBERT L., Associate, T. M. Jordan	Box 202, Myrtle Beach, S. C.	C.E.	12-2-47	920
BELLINGER, GEORGE K., State Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E., L.S.	6-26-46	774
BENDY, WILFRED R., Consulting Engineer	9403 Riverview Drive, St. Louis, Mo.	M.E.	8-8-49	1105
BELLINGER, HARRY O'B., City Engineer	City Hall, Columbia, S. C.	C.E., L.S.	3-22-23	86
BENSON, JAMES I., Com., C. E. C., U. S. N. R., Asst. Public Works Officer	U. S. Naval Shipyard, Brooklyn, 1, N. Y.	C.E.	12-3-40	542
BERRY, RALPH P., Southeastern Concrete Products Co.	Cayce, S. C.	C.E.	6-25-46	796
BIGLER, H. PAUL, Wiley & Wilson, Cons. Engrs.	Troutville, Va.	C.E.	11-19-48	1048

BISHOP, ROY P., Col. General Staff Corps, U. S. Army	1355 Willard St., Apt. B, San Francisco, 17, Calif.	C.E.,L.S.	12-5-22	40
BLACKMON, H. J., Surveys and Plans Engineer State Highway Department	P. O. Drawer 191, Columbia, S. C.	C.E.,L.S.	7-13-37	446
BLACKSTONE, A. L., Jr., Instructor	University of S. C. Columbia, S. C.	M.E.	1-27-49	1073
BLACKWELDER, C. DAVIS, Vice-Pres., in Charge of Eng., Reynolds Metals Company	Reynolds Metals Bldg., Richmond, 19, Va.	C.E.,M.E.	6-22-26	306
BLAKELY, THOMAS EARL, Elec. Engr., Newcomb & Boyd	615 Trust Co. of Ga. Bldg., Atlanta, Ga.	E.E.	12-2-47	929
BLASDALE, RICHARD H., H. E. Stocker Assoc., Inc.	53 State St., Boston, 9, Mass.	M.E.	7-22-49	1104
BOLTON, A. P., Secretary, Mocasphalt Corp.	P. O. Box 627, Lakeland, Fla.	C.E.	12-4-45	699
BOONE, L. C., L. C. Boone & Co.	Orangeburg, S. C.	C.E.	9-14-22	11
BOROM, SAMUEL T., Engr., Yeamans Hall Club	Box 122, N. Charleston, S. C.	C.E.	6-29-48	956
BOWEN, WILLIAM C., Engr.-Chemist, Spartanburg Water Works	R. B. Simms Filter Plant RFD No. 2, Chesnee, S. C.	C.E.,L.S.	7-11-33	383
BOYD, SPENCER W., Newcomb & Boyd	615 Trust Co. of Ga. Bldg., Atlanta, Ga.	E.E.	7-27-49	1099
BOZEMAN, F. B., Electrical Dept., J. E. Sirrine Co., Engrs.	P. O. Box 960, Greenville, S. C.	E.E.	12-3-35	407
BRANDT, ERNST H., Jr., Pres., Reliance Engineering Co., Inc.	P. O. Box 1292, Charlotte, N. C.	M.E.	7-19-46	795
BRAUNGART, GEORGE, Jr., Pres., Engineering Contractors, Inc.	611 Bona Allen Bldg., Atlanta, Ga.	M.E.	12-4-45	671

BRIGGS, W. A., Engr. and Land Surveyor	326 Hampton Ave., Greenville, S. C.	C.E.,L.S.	3-22-23	83
BRIGHT, JAMES A., Chief Engr., Pittsburgh Metallurgical Co., Inc.	Niagara Falls, N. Y.	E.E.	12-5-39	508
BRINGHURST, JOHN H., Jr., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	12-2-48	1053
BRINER, GEORGE F., Gilbert Associates, Inc.	412 Washington St., Reading, Pa.	M.E.	7-22-49	1084
BRITT, A. K.,	McCormick, S. C.	C.E. L.S.	12-6-38 6-29-48	477
BROWN, ALEC T., City Engineer	Municipal Bldg., Orangeburg, S. C.	C.E.,L.S.	3-22-23	79
BROWNE, DANIEL A., Maintenance Engineer, U.S. Navy	Box 216, Parris Island, S. C.	C.E.,L.S.	12-3-46	819
BRYAN, GEORGE T., Jr., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	6-29-48	980
BUELL, CLARK H., West Virginia Pulp & Paper Co.	Charleston, S. C.	C.E.	12-4-45	675
BUENSOD, ALFRED C., Pres., Buensod-Stacey, Inc.	60 East 42nd St., New York, 17, N. Y.	M.E.	8-14-44	628
BUIE, GLENN S., Civil Engr., U. S. Navy	1020 South St., Key West, Fla.	C.E.,L.S.	9-23-48	1019
BULL, IRVING S., Jr., Engr., Dunean Mills	P. O. Box 1020, Greenville, S. C.	E.E.	1-27-49	1068
BULL, J. L., Jr. Civil Engineer	202 Cannon St., Georgetown, S. C.	C.E.,L.S.	7-8-30	357
BURCH, WILLIAM A., Jr., Dunean Mills	221 Tindal Avenue, Greenville, S. C.	C.E.,M.E.	6-26-47	882
BURDEN, HENRY S., Civil Engineer	Box 616, Summerville, S. C.	C.E.	3-22-23	78
BURDETTE, L. W., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	E.E.	6-25-46	767

BURSLEY, HAROLD B., Civil and Landscape Engineer	221 Latta Arcade, Charlotte, 2, N. C.	C.E.	7-8-30	349
BUSH, L. RALPH, Electrical Engineer	732 W. Peachtree St., N. W., Atlanta, Ga.	E.E.	2-14-40	510
BUSH, RUSSELL H., Ch. Engr., Deering Milliken Mills	c/o Drayton Mills, Spartanburg, S. C.	M.E., C.E.	7-22-49	1100
BYERS, E. D.,	608 Palmetto Bldg., Columbia, S. C.	C.E., L.S.	3-22-23	80
BYRD, HENRY D., General Contractor and Engineer	P. O. Box 93, Summerville, S. C.	C.E., L.S.	12-3-46	825
CABELL, JOHN B., Engineer, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E., L.S.	3-12-46	726
CAIN, CHARLES L.	Pinopolis, S. C.	C.E., L.S.	6-26-46	773
CAMPBELL, A. P., Vice-President, Gilbert Associates, Inc.	412 Washington St., Reading, Pa.	C.E.	7-9-35	411
CAMPBELL, ROBERT N., Huntington & Guerry, Inc.	Box 270, Greenville, S. C.	E.E.	1-27-49	1062
CAMPBELL, ROBERT N., Jr., Vulcraft Corp.	420 N. Irby St., Florence, S. C.	C.E.	9-23-48	1025
CANTEY, HARRY, Jr., E. I. duPont de Nemours & Co.	Camden, S. C.	C.E.	6-29-48	986
CARPENTER, R. E., R. E. Carpenter & Co.	P. O. Box 851, Shelby, N. C.	C.E.	12-4-45	674
CARRINGTON, WINSTON H., Chief Engr., Capitol Engineering Corp.	Dillsburg, Pa.	C.E., L.S.	6-25-47	878
CAUGHMAN, M. WISE, Manager Mid-Carolina Electric Cooperative, Inc.	P. O. Box "C", Lexington, S. C.	E.E.	6-18-40	530
CECIL, DAVID W., Architect & Engineer	P. O. Box 1462, Spartanburg, S. C.	C.E.	11-19-48	1042
CEHAN, EUGENE G., Structural Engineer, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E., L.S.	6-26-46	786

CHAMPOUX, RAYMOND L., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	12-3-47	931
CHAPMAN, C. C., U. S. Soil Conservation Service	The Center, Charleston, S. C.	C.E.,L.S.	3-12-46	725
CHAPMAN, FRANCIS W., Supt., Commissioners of Public Works	704 North St., Greenwood, S. C.	E.E.	6-16-42	580
CHAPMAN, JOHN L., Ralph E. Loper Co.	500 Woodside Building, Greenville, S. C.	M.E.	9-23-48	1017
CHAPMAN, ROBERT H., Vice-Pres., Inman Mills & Riverdale Mills	P. O. Box 1714, Spartanburg, S. C.	M.E.	3-22-23	99
CHASE, SANBORN, Vulcraft Corp.	420 N. Irby St., Florence, S. C.	C.E.	9-23-48	1026
CHEVES, C. LANGDON, Daniel Construction Co.	P. O. Box 2087, Greenville, S. C.	C.E.	6-26-47	861
CHISOLM, EDWARD N., Lt. Col. (Retired), U. S. Engineer Corps	Route 1, Eastover, S. C.	C.E.,L.S.	12-2-41	560
CHITTY, FLOYD C., Jr., Sonoco Products Co.	Hartsville, S. C.	C.E.	9-23-48	1013
CHRISTENSEN, ARTHUR O., Surveyor	Beaufort, S. C.	E.M.,L.S.	7-8-30	354
CLOWE, R. D., Maintenance Engr., P-5, U. S. Gov't.	716 Newberry St., Aiken, S. C.	C.E.	3-22-23	98
COLEMAN, J. HEARST, J. Hearst Coleman Co., Engrs.	248 Jennings Ave., Greenwood, S. C.	C.E.,L.S.	7-11-33	385
COLLINS, ROBERT S., Dept. of Public Works	City Hall, Columbia, S. C.	C.E.,L.S.	6-20-39	487
COMMANDER, A. C., Partner, Berlowitz & Commander	1916 North Broadway, Oklahoma City, Okla.	C.E.	12-4-45	689
COSBY, JOHN C., Adj. Prof., Elec. Engrg.	University of S. C., Columbia, S. C.	E.E.	11-19-48	1054
COULTER, RICHARD R., Coulter & Company	2921 Main St., Columbia, S. C.	C.E.,L.S.	12-4-46	835

COURTNEY, ARTHUR W.,	201 College Ave., Millen, Ga.	C.E.	12-3-40	545
COVINGTON, J. C.	3005 Blossom St., Columbia, S. C.	C.E., L.S.	7-9-29	333
CRANWELL, JACK P., Public Works Dept., Charleston Naval Ship Yard	Naval Base, S. C.	C.E., L.S.	12-4-45	700
CREWS, WILSON E., Quattlebaum Electric Co.	302 King St., Charleston, S. C.	M.E.	6-24-47	898
CROSETT, ALEXANDER D., Industrial Engineer	27 William St., New York, 5, N. Y.	C.E.	12-4-45	678
CROUCH, ALEXANDER C., Owner, Piedmont Engrg. Co.	141 River Street, Greenville, S. C.	L.S. C.E.	12-3-46 6-24-47	808
CROUCH, JACOB E., Engr., Dept. of Army, Corps of Engrs., Clark Hill Sub-Office	Box 915, Augusta, Ga.	L.S. C.E.	3-12-46 11-19-48	702
CROUT, MARVIN M., Dist. Mgr., York Corp.	412 Houston St., Atlanta, Ga.	M.E.	12-4-45	672
CRUM, W. ELLIOTT, State Highway Dept.	Calhoun Office Bldg., Columbia, 10, S. C.	C.E.	6-21-38	462
CULLEY, ROBERT F., Robert & Co., Assoc., Inc.	96 Poplar St., N. W., Atlanta, Ga.	M.E.	9-23-48	1020
CUMBUS, GEORGE W., Struc. Engr., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	6-15-43	607
DALE, F. A., Consulting Engineer	Cashier's, N. C.	C.E., E.E., L.S.	12-6-38	476
DALTON, R. E., Dalton & Neves, Civil Engrs.	423 South Main St., Greenville, S. C.	C.E.	12-5-22	64
DANA, FRANK J., Engr., Reamer Industries	Seaboard Park, Columbia, S. C.	M.E.	9-23-48	1011
DANIEL, GEORGE B., The McPherson Company	P. O. Box 2366, Greenville, S. C.	E.E.	6-24-47	869

DANIEL, Wm. LOWNDES, Jr., Civil Engineer	Box 147, Greenwood, S. C.	C.E.	12-7-37	449
DANIELS, F. W., Dist. Mgr., H. K. Ferguson Co.	Ferguson Bldg., Cleveland, 14, Ohio	C.E.	4-24-46	732
DAVIDSON, PHILIP L., Consulting Engineer	1420 Walnut St., Philadelphia, Pa.	M.E.	6-20-45	655
DAVIS, CHARLES F., Federal Housing Agency	1401 Hampton St., Columbia, S. C.	C.E.	9-23-48	1014
DAVIS, DEAN H., S. C. Power Co.	141 Meeting St., Charleston, S. C.	E.E.	6-29-48	977
DAVIS, LeROY M., Pioneer Service & Engineering Co.	231 S. LaSalle St., Chicago, 4, Ill.	M.E.,C.E.,L.S.	6-20-44	619
DAWSON, LOUIS Y., Jr., Partner, Dawson Engineering Co.	10 Gillon St., Charleston, S. C.	C.E.,L.S.	3-22-23	101
DEAN, FRANCIS F., J. E. Sistine Co.	P. O. Box 960, Greenville, S. C.	E.E.,M.E.	7-10-34	396
DEHAMER, JANUS R., Shakespeare Co.	P. O. Box 5207, Columbia, S. C.	M.E.	11-19-48	1043
DENT, WILLIAM E., Jr., The Springs Cotton Mills	Lancaster, S. C.	E.E.	6-29-48	981
DETWILER, ALBERT L.	2711 Wilmot Ave., Columbia, S. C.	C.E.,L.S.	6-25-47	862
DEVER, HARRY C., Sales Engineer, Copperweld Steel Co.	1734 Candler Bldg., Atlanta, 3, Ga.	C.E.	12-4-45	695
DIBBLE, GEORGE L., Jr., S. C. Power Co.	141 Meeting St., Charleston, S. C.	E.E.	6-29-48	978
DIBBLE, WORTHAM W., Partner, Smith, Dibble & Co.	1313 Marion St., Columbia, 23, S. C.	C.E.	6-17-41	552
DICKSON, W. K., Pres., W. K. Dickson Co.	404½ S. Tryon St., Charlotte, N. C.	C.E.,L.S.	7-8-30	351
DILL, ROBERT C., Executive Staff Engineer, Reynolds Metals Co.	Reynolds Metals Bldg., Richmond, 19, Va.	M.E.,E.E.	6-20-44	620

DILL, TERRY T., State Highway Dept.	Route 1, Taylors, S. C.	C.E.	3-22-23	104
DISHER, JOHN H., Jr., Southern Electric Company	542 King St., Charleston, S. C.	E.E.	6-18-40	526
DIXON, ROBERT B., Assistant City Manager	c/o City Office Sumter, S. C.	C.E., L.S.	3-12-46	722
DOAR, WILLIAM R., Distribution Engr., Carolina Power & Light Co.	Box 1551, Raleigh, N. C.	E.E.	6-16-42	585
DOAN, DOUGLAS, Kirby Hammond, Inc.	21 Augusta St., Greenville, S. C.	M.E.	7-22-49	1090
DOTTERER, E. GAILLARD, Owner, Dotterer Engineering Co.	12 Exchange St. Charleston, S. C.	C.E.	12-5-33	387
DOTTERER, JOHN B., Supt., Tidewater Construction Corp.	22½ Queen, Charleston, 3, S. C.	C.E., L.S.	6-20-44	621
DOUGHTIE, CHARLES E., Jr., Vice-Pres., Robert & Company Assoc., Inc.	96 Poplar St., N. W., Atlanta, Ga.	M.E.	6-8-43	950
DREYFUS, SAM C., Palmetto Quarries Co.	Box 5185, Five Pts. Sta., Columbia, S. C.	C.E.	12-3-39	346
DROBILE, ALBERT W., Textile Engineering Consultant	Apt. 807, The Cambridge, Alden Park, Philadelphia, 44, Pa.	M.E.	12-1-42	592
DUBOSE, D. S., Civil Engineer and Land Surveyor	136 Oak St., Darlington, S. C.	C.E., L.S.	5-20-33	352
DUGGAR, L. G., Lieut. Col., U. S. A. F.	Wright-Patterson Air Force Base Dayton, Ohio	C.E., L.S.	6-21-38	462
DUKES, DANIEL F., Jr., State Highway Dept.	7½ Cedar Terrace, Columbia, S. C.	C.E.	12-3-46	822
DUKES, ROBERT C., Vice-Pres. and Treas., Dukes & Dukes, Inc.	164 Broad St., N. W., Orangeburg, S. C.	E.E.	3-12-46	724
DUKES, WILLIAM W., Jr., Vice-President, Applied Engrg. Co.	Box 506, Orangeburg, S. C.	E.E., M.E.	12-4-45	697

DUNCAN, DANIEL T., Owner, American Construction Co.	RFD 4, Columbia, S. C.	C.E.,L.S.	12-5-33	393
DURLACH, MARCUS R., Jr. Assoc. Prof., University of S. C.	Columbia, S. C.	M.E.	12-4-45	690
EADDY, ERNEST J., Engineer, The Textile Shop	Drawer 1330, Spartanburg, S. C.	C.E.	6-20-39	486
EARLE, SAMUEL B., Dean, School of Engineering, Clemson College	Clemson, S. C.	M.E.	12-7-43	611
EASLEY, CURRAN S., Black and Easley	29 Pendleton St., Greenville, S. C.	C.E.	2-4-48	947
EASLEY, ROBERT L., Engr., Supvr., Dixie Engineering Company	1825 Gadsden St., Columbia, S. C.	E.E.	12-5-45	682
EDWARDS, ERNEST E., Jr., Partner, Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	C.E.,L.S.	6-16-42	586
ELLISON, CLARENCE H., Jr., Southern Cement Co.	Box 579, Atlanta, Ga.	C.E.	7-11-33	386
EMERICK, ROBERT H.	109 Jenkins Ave., North Charleston, S. C.	M.E.	6-26-47	860
EMERSON, L. A., Sec., Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	C.E.,L.S.	9-14-22	15
ENDLEIN, CARL, Industrial Heating Engrg. Co.	121 Cleveland St., Greenville, S. C.	M.E.	11-19-48	1040
ENGLERT, JOHN P., Charleston Naval Shipyard	Route 5, Box 383, Woodland Shores Rd., Charleston, S. C.	C.E.,M.E.	11-19-48	1044
EPTING, ROBERT B., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	12-4-46	826
ERVIN, A. L., Civil Engineer and Land Surveyor	P. O. Box 3, Florence, S. C.	C.E.,L.S.	3-22-23	105
ETHRIDGE, EUGENE S.	Route 1, Greenwood, S. C.	C.E.,L.S.	12-3-47	935

ETTLINGER, WILLIAM D., United Merchants Lab., Inc.	601 W. 26th Street, New York, 1, N. Y.	C.E.	10-20-47	905
EVANS, JOHN J., Partner, Patchen & Zimmerman, Engrs.	Daniel Field Airport, Augusta, Ga.	M.E.	6-25-47	892
FARIS, HENRY M., Manager, Laurens Electric Cooperative, Inc.	Box 337, Laurens, S. C.	E.E.	12-5-44	634
FARISH, CHARLES A., S. C. State Board of Health	Wade Hampton Office Bldg., Columbia, S. C.	C.E.	6-24-47	859
FARRELL, ARTHUR W., Civil Engr., Public Works Officer, 6th Naval Dist.	2421 Monroe St., Columbia, S. C.	C.E.	12-5-44	636
FELKEL, ST. ELMO, Construction Service, Inc.	10 Court House Square, Charleston, S. C.	C.E., L.S.	9-23-48	1022
FERGUSON, SAMUEL A., Jr., Head, Elec. Engrg. Div.	University of S. C. Columbia, S. C.	E.E.	6-24-47	896
FIELD, ARTHUR M., Chief Engr., Charleston Development Board	152 Market St., Charleston, S. C.	C.E.	12-5-45	693
FIELD, ERNEST G., E. G. Field & Associates	1101-8 Hurt Bldg., Atlanta, 3, Ga.	M.E.	12-4-45	676
FILBY, E. L., Prin. Engr., Black & Veatch	4706 Broadway, Kansas City, 2, Mo.	C.E.	3-22-23	114
FISHBURNE, CLARENCE L., Jr. Engr., Federal Power Commission	421 Grant Bldg., Atlanta, 3, Ga.	E.E.	7-14-36	427
FISHBURNE, FRANCIS J., S. C. Power Co.	141 Meeting St., Charleston, S. C.	E.E.	7-22-49	1101
FITCH, FRANCIS B., Jr., Engr., Lee Engineering Corp.	Power Bldg., Charlotte, 3, N. C.	C.E., L.S.	7-9-35	402
FLETCHER, RAYMOND F., duPont Company	10th and Market Sts., Wilmington, Dela.	C.E.	6-20-49	1079
FLOYD, G. T.	Manning, S. C.	C.E., L.S.	9-14-22	16
FOSTER, JENNINGS W., Sales Engr., Van Smith Bldg. Materials Co.	276 E. Bay St., Charleston, S. C.	C.E.	3-22-23	111

639	FRANK, ALVIN L., Professor	The Citadel, Charleston, S. C.	C.E.,L.S.	9-23-48	1027
	FRANK, J. N.	Jefferies Bldg., Walterboro, S. C.	C.E.,L.S.	6-19-23	263
	FRANTZ, LUTHER M., Cummins-Hart Const. Co.	2023 N. Charles St., Baltimore, 18, Md.	C.E.	1-12-48	946
	FRICK, DANIEL F., Construction Engr. S. C. State Board of Health	418 Wade Hampton Bldg., Columbia, S. C.	C.E.	6-15-43	600
	FRIEDMAN, EDMUND, Vice-Pres., M. H. Connell & Associates	200 Langford Bldg., Miami, 32, Fla.	C.E.	12-31-46	836
	FRY, E. D., Supt., Greater Greenville Sewer District	Box 1416, Greenville, S. C.	C.E.,L.S.	3-22-23	112
	FUCIK, E. MONTFORD, Associate, Harza Engineering Co.	400 W. Madison St., Chicago, 6, Ill.	C.E.,L.S.	6-20-39	492
	FURMAN, THOMAS deS., Associate Engr., Quattlebaum Engineering Co.	Johnston, S. C.	C.E.,L.S.	3-13-46	719
	FUSSELL, J. A., Jr., Partner, Harper & Fussell	Box 699, Shelby, Montana	E.E.	12-2-41	564
	GAILLARD, J. P., Gaillard & Gaillard	23 Broad St., Charleston, S. C.	C.E.	3-22-23	117
	GAMBILL, RUSSELL F., Supervising Engr., Daniel Construction Co.	427 N. Main St., Greenville, S. C.	C.E.	6-20-39	494
	GANDY, R. B.	3130 Duncan St., Columbia, 34, S. C.	C.E.,L.S.	3-22-23	119
	GANTT, WILLIAM D., S. C. State Board of Health	Wade Hampton State Office Bldg., Columbia, S. C.	C.E.	12-3-46	813
	GARETY, J. H., Purchasing Agent, S. C. State Ports Authority	1 Vendue Range Charleston, S. C.	C.E.	12-3-29	345
	GASKIN, GROVER C., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	E.E.	6-24-47	880

GAUGER, RAYMOND J., Consulting Engineer	23 Campbell Bldg., Augusta, Ga.	C.E.	6-12-40	512
GELDERS, MORRIS V., Lockwood Greene Engrs.	Montgomery Building, Spartanburg, S. C.	E.E., M.E.	1-27-49	1069
GETTYS, J. T., Jr., Major, Air Installation Officer	Box 114, Post Hdqrs., Maxwell Air Force Base, Ala.	C.E., L.S.	6-21-38	379
GILLELAND, JACK E., Tennessee Valley Auth.	803 Power Bldg., Chattanooga, Tenn.	C.E., L.S.	6-25-47	902
GILLESPIE, WYLIE W., Partner, Smith & Gillespie, Engineers	P. O. Box 1048, Jacksonville, Fla.	C.E., L.S.	9-3-42	589
GLEN, A. LEONARD, Chief Engr., S. C. State Port Authority	Edisto Island, S. C.	C.E., L.S.	6-19-23	264
GLENN, H. E., Vice Director-Engr., Exp. Sta., Clemson College	Clemson, S. C.	C.E., L.S.	6-21-38	461
GLENN, MAURICE C., Engineer and Land Surveyor	701 S. McDuffie St., Anderson, S. C.	L.S. C.E.	12-5-45 6-25-47	680
GOOD, HILLIARD B., Assistant City Engr.	City Hall, Charleston, 4, S. C.	C.E.	6-25-47	868
GOODING, W. J., Jr., Bridge Engineer, State Highway Dept.	Calhoun Office Bldg., Columbia, 10, S. C.	C.E.	7-13-37	447
GOODWIN, JAMES W., Pres., J. W. Goodwin Engineering Co., Inc.	726 S. 29th St., Birmingham, 5, Ala.	C.E.	4-29-46	734
GRADICK, L. E.	579 Meteor St., Jacksonville, Fla.	C.E., L.S.	7-12-32	377
GRAEF, RICHARD F., H. K. Ferguson Co.	Ferguson Building, Cleveland, 14, Ohio	C.E.	10-13-47	904
GRAVES, JOHN H., Asst. Dist. Engr., Southern Cotton Oil Co.	Green & Gadsden Sts., Columbia, S. C.	E.E.	12-4-45	691
GREEN, GEORGE B., Green Electric Co.	3425 Main St., Columbia, S. C.	E.E.	11-19-48	1037

GREEN, L. LOUIS, Jr., Vice-Pres., Suwannee Fruit & Steamship	2215 River Blvd., Jacksonville, Fla.	N.A.	7-14-31	368
GREEN, W. McK., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	6-25-47	886
GREER, LOVIC P., Jr., The Clark Thread Co.	1315 Eager St., Albany, Ga.	E.E.	9-23-48	1023
GUERRY, DuPONT, Jr., Vice-Pres. & Treas., Huntington & Guerry Electric Co.	202 River St., Greenville, S. C.	E.E.	6-25-46	779
GUNBY, FRANK McC., Associate, Chas. T. Main, Inc.	80 Federal St., Boston, Mass.	E.E., M.E.	7-9-35	408
GUNST, GLENN A., West Virginia Pulp & Paper Co.	Box 832, Charleston, S. C.	M.E.	12-2-47	930
HAGOOD, JAMES, Portland Cement Co.	P. O. Box 882, Columbia, S. C.	C.E.	11-19-48	1035
HAMILTON, LEGARE, Sec. and Asst. Mgr., Waccamaw Power Co.	627 Front St., Georgetown, S. C.	C.E., L.S.	6-21-38	428
HANNER, T. G., Wm. G. Lyles, Bissett, Carlisle & Wolff, Architects	1321 Bull St., Columbia, S. C.	C.E., L.S.	7-22-49	1107
HARDESTY, SHORTRIDGE, Partner, Hardesty & Hanover	101 Park Ave., New York, 17, N. Y.	C.E.	12-4-28	330
HARDIN, L. H., Mgr. of Utilities, City of Camden, S. C.	City Hall, Camden, S. C.	E.E., M.E.	12-3-35	414
HARPER, SAMUEL D., W. D. Harper & Sons	325 W. Evans St., Florence, S. C.	C.E.	3-13-46	718
HARPER, SAMUEL P.	Andrews, S. C.	C.E., L.S.	6-29-48	988
HARPER, WALTER D., Jr., W. D. Harper & Sons	325 W. Evans St., Florence, S. C.	M.E.	12-3-46	830
HARRELL, CHARLES W., State Board of Health	Wade Hampton Office Bldg., Columbia, S. C.	C.E.	7-22-49	1085

HARRISON, F. P., Shultze & Armistead	Calhoun Falls, S. C.	E.E.	3-22-23	137
HARRISON, JULIUS C., Deering Milliken Co., Inc.	c/o Drayton Mills, Spartanburg, S. C.	M.E.	12-4-46	803
HARTE, JOHN J., Pres., John J. Harte Co.	284 Techwood Dr., N. W., Atlanta, Ga.	C.E.	12-5-44	629
HARZA, L. F., Pres., Harza Engineering Co.	400 W. Madison St., Chicago, 6, Ill.	C.E.,E.E.,L.S.	12-6-38	475
HATCH, CHESTER E., Jr., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	Ch.E.	9-23-48	1015
HAWES, EDWARD, Retired	246 Green Street, N.E., Orangeburg, S. C.	C.E.,L.S.	3-22-23	136
HAYES, HAROLD D., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	6-25-46	760
HEDGEPATH, ERNEST F., Engr., Springs Cotton Mills	Lancaster, S. C.	C.E.	6-25-47	883
HEINRICH, CHESTER J., Chief Engineer, U. S. Naval Supply Research & Development Facility	Naval Supply Depot, Bayonne, N. J.	M.E.	6-15-43	606
HENDERSON, THOMAS W., Mgr., Greenwood County Rural Electric System	Greenwood, S. C.	E.E.	12-3-40	543
HENDRICKS, LEON A., State Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.,L.S.	6-26-46	770
HENDRIX, THERON J., State Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.,L.S.	6-26-46	775
HERBERT, WALTER C., Director, Elec. Util. Div., Public Service Com.	329 Wade Hampton Bldg., Columbia, 10, S. C.	E.E.,M.E.	12-1-31	372
HERTY, FRANK B., Prof., University of S. C.	Columbia, S. C.	M.E.	6-25-47	901
HICKLIN, W. J., Owner, Capitol Concrete Co.	Box 4787, Jacksonville, Fla.	C.E.	3-22-23	121

HIGGINS, RANDOLPH C., Higgins Engineering Co.	1321 Edgewood Dr., Florence, S. C.	C.E.	6-24-47	899
HIGHTOWER, CHARLES L., Jr., S. C. Highway Dept.	3314 Coles Road, Columbia, S. C.	C.E.	6-29-48	982
HILL, BURROW, Gen. Supt., W. L. Cobb Const. Co.	504 Whitman St., Orangeburg, S. C.	C.E.	3-22-23	134
HILL, FRANK, Associate, George Hill, Engr.	P. O. Box B, Wellford, S. C.	M.E., E.E.	6-21-38	459
HILL, GEORGE, George Hill, Engineer	P. O. Box B, Wellford, S. C.	M.E., E.E.	6-19-23	266
HILLS, GEORGE B., Reynolds, Smith & Hills	P. O. Box 4817, Jacksonville, 1, Fla.	C.E.	6-26-47	889
HILLS, ROBERT S., State Highway Dept.	64 Sixth St., Wagener Terrace, Charleston, 22, S. C.	C.E., L.S.	3-12-46	728
HINES, JOE DAVIS General Contractor	Spartanburg, S. C.	C.E.	12-5-45	692
HIPP, JOHN C., Engr., Lockwood-Greene Engrs., Inc.	920 Montgomery Bldg., Spartanburg, S. C.	C.E., L.S.	11-15-29	341
HOBART, THOMAS F., Southern Amiesite Asphalt Co.	P. O. Box 1390, Birmingham, Ala.	C.E.	11-5-46	799
HOLLISTER, EDMUND W., The Austin Company	16112 Euclid Ave., Cleveland, 12, Ohio	M.E.	12-19-46	833
HOLLOWELL, JAMES R., Southern Mapping & Engrg. Co.	216 Commerce Place, Greensboro, N. C.	C.E.	7-22-49	1088
HOLLYFIELD, JOHN B., John B. Hollyfield, Consulting Engr.	635 E. 185th St., Cleveland, 19, Ohio	C.E.	12-2-41	570
HOLMAN, A. E., A. E. Holman & Sons, Engrs.	214 N. Towers St., Anderson, S. C.	E.E., M.E.	3-22-23	120
HOOVER, JAMES H., State Board of Health	504 Market St., Cheraw, S. C.	C.E., L.S.	6-25-47	872

HORNE, WILLIAM H., Jr., Contractor	P. O. Box 447, Warrenton, N. C.	E.E.	6-16-42	584
HOSHALL, ROBERT H., Allen & Hoshall, Cons. Engrs.	65 McCall Place, Memphis, 3, Tenn.	M.E.	7-8-41	553
HOTINGER, ROBERT W., State Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.,L.S.	6-25-47	875
HOWE, G. M., City Engineer	P. O. Box 807, Charleston, S. C.	C.E.,L.S.	9-14-22	20
HOWE, WISTAR C., Ebasco Services, Inc.	RFD 2, Athens, Ohio	C.E.,L.S.	6-25-47	893
HUBBELL, CHARLES G., Consulting Engineer	824½ E. Trade St., Charlotte, N. C.	C.E.	12-5-39	497
HUGHES, N. C., Jr.	P. O. Box 55, Myrtle Beach, S. C.	C.E.	3-22-23	128
HUGHES, THOMAS M., Engr., Texas Eastern Transmission Corp.	P. O. Box 1612, Shreveport, La.	C.E.	11-19-48	1038
HUGHEY, R. D., Field Engineer, Charleston County	The Center, Room 436, Charleston, 29, S. C.	C.E.	3-22-23	129
HUGHSTON, THOMAS L., Civil Engineer, The McPherson Co.	P. O. Box 2366, Spartanburg, S. C.	C.E.,L.S.	3-12-46	729
HUND, PAUL W., Bureau of Yards and Docks, Naval Base	Naval Base, S. C.	C.E.	12-2-47	923
HUNTER, SAM M., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	3-22-23	138
HUNTINGTON, R. S., Pres., Huntington & Guerry Electric Co.	202 River St., Greenville, S. C.	E.E.	6-22-26	304
HUTCHINSON, DONALD M., Springs Cotton Mills	Drawer 551, Lancaster, S. C.	M.E.	11-19-48	1049
HUTTO, WALTER C., Owner, Hutto Equipment Co.	835 Meeting St., W. Columbia, S. C.	C.E.,L.S.	7-14-36	426
JACKSON, JOHN M., Jr., Civil Engineer	P. O. Box 522, Bennettsville, S. C.	C.E.,L.S.	12-5-39	506

JENNINGS, CARSON G., Structural Engr.	Room 911, 111 Corcoran St., Durham, N. C.	C.E.	12-5-44	641
JERVEY, E. D., Jeff Hunt Machinery Co.	63 Lenwood Bldg., Charleston, S. C.	C.E.	3-22-23	144
JOHNSON, ALBERT E., Dist. Engr., U. S. Geological Survey	207 Creason Bldg., Columbia, S. C.	C.E.	6-24-47	884
JOHNSON, J. M., Director, Office of Defense Transportation Member, Interstate Commerce Commission Johnson & Roberts, Civil Engrs. (Marion, S. C.)	Washington, D. C.	C.E., L.S.	3-22-23	146
JOHNSON, R. C., Consulting Engineer	1226 Sumter St., Columbia, S. C.	C.E.	12-5-33	394
JOHNSTONE, ALAN McC., Orangeburg Water & Light Co.	605 Ellis Ave., N. E., Orangeburg, S. C.	E.E.	6-29-48	983
JORDON, T. M., Civil Engineer	Box 202, Myrtle Beach, S. C.	C.E.	7-9-29	334
JOYE, F. MILTON, S. C. Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E., L.S.	11-19-48	1041
KANAPAU, CHARLES, Quattlebaum Electric Co.	302 King St., Charleston, S. C.	E.E.	6-24-47	897
KEELS, JOSEPH, Vice-President and Treasurer Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	C.E., L.S.	12-5-22	49
KEIS, F. J., Keis & Holroyd, Cons. Engrs.	257 Broadway, Troy, N. Y.	C.E.	12-2-30	360
KERR, WILLIAM E., Manufacturers Representative	1201 Hyatt Avenue, Columbia, S. C.	M.E.	6-29-48	979
KEY, JOHN C., Asst. Professor	The Citadel, Charleston, S. C.	C.E.	1-27-49	1063
KILLIAN, JOHN M., S. C. Electric & Gas Co.	328 Main Street, Columbia, S. C.	C.E.	12-2-47	940

KING, JAMES N., Jr., S. C. Highway Dept.	Court House, Gaffney, S. C.	C.E.	6-16-42	587
KING, S. T., Martin Heating Co.	416 N. Main St., Anderson, S. C.	M.E.	7-22-49	1091
KINGHORN, ANDERSON M., Kinghorn Building Supply Co.	Box 453, Beaufort, S. C.	C.E.	12-3-46	821
KINGHORN, JAMES A., Kinghorn Building Supply Co.	Box 453, Beaufort, S. C.	C.E.,L.S.	6-25-47	876
KLEIN, EDWARD W., Jr., E. W. Klein & Co.	152 Nassau St., Atlanta, Ga.	M.E.	6-29-48	952
KLINCK, JOHN H., Jr., Hydraulic Engr., Corps of Engineers	P. O. Box 4970, Jacksonville, Fla.	L.S. C.E.	12-2-47 9-23-48	915
KOLB, THEODORE A., State Board of Health	433 Wade Hampton Bldg., Columbia, S. C.	C.E.	11-19-48	1050
KOON, C. DOYLE, Sanitary Engineer, Army Air Forces	Box 205, Tyndall Air Force Base, Panama City, Fla.	C.E.,L.S.	12-5-44	639
LABRUCE, GEORGE H., Federal Public Housing Auth.	175 Queen St., Charleston, S. C.	C.E.,L.S.	5-2-44	156
LABRUCE, J. BRYCE,	131 Ashley Ave., Charleston, S. C.	C.E.,M.E.,L.S.	3-22-23	157
LAMB, WILLIAM B., Consultant	3862 Richmond St., Jacksonville, Fla.	M.E.	1-7-48	944
LAMBERT, ROBERT D., Jr., Consultant Radio Engr., Radio Station WCOS	1202 Main Street, Columbia, S. C.	E.E.	12-2-47	918
LAND, JAMES S., Jr.,	17 Washington St., Abbeville, S. C.	L.S. C.E.	12-3-47 9-23-48	909
LANGDON, PAUL E., Greeley & Hanson	220 S. State St., Chicago, 4, Ill.	C.E.	6-13-49	1076
LANIER, WILLIAM F., Jr., State Highway Dept.	Columbia, S. C.	C.E.,L.S.	6-26-46	794

LATORRE, SALVADOR, Project Engr., State Highway Dept.	Elloree, S. C.	C.E.,L.S.	6-26-46	771
LEAVITT, SHELDON J., Tidewater Const. Corp.	c/o International Paper Co., Georgetown, S. C.	C.E.	7-22-49	1083
LEE, A. C., Pres., Lee Engineering Corp.	P. O. Box 1378, Charlotte, N. C.	C.E.,E.E.	6-21-38	463
LEGARE, T. KEITH, Sec., State Bd. Engineering Examiners Sec., Natl. Council State Bds. Eng. Exmrs.	505 Carolina Life Bldg., Columbia, S. C.	C.E.,L.S.	9-14-22	3
LEITNER, L. T., Engr., Utilities Const. Co.	Box 187, Marion, S. C.	E.E.	1-27-49	1074
LEPPARD, BENJAMIN A., J. P. Stevens & Co., Inc.	P. O. Box 1020, Greenville, S. C.	M.E.	12-2-47	928
LETTELLIER, L. S., Head, Dept. of Engineering, The Citadel Member, State Bd. of Engineering Exam's	The Citadel, Charleston, S. C.	C.E.	9-14-22	2
LEVER, S. R., State Highway Dept.	Drawer 191, Columbia, S. C.	C.E.	6-19-23	267
LEVIN, JULES D., Architect-Engineer	210 West St., Beaufort, S. C.	C.E.	12-3-35	413
LEVY, JACK M., Consulting Engineer	211 E. 37th St., New York, 16, N. Y.	M.E.,C.E.	7-13-49	1081
LEWIS, ALEXANDER D., Assoc. Prof., Clemson College	Box 1252, Clemson, S. C.	M.E.	6-25-47	879
LEWIS, J. WESLEY, Duke Power Company	P. O. Box 1560, Greenville, S. C.	E.E.	6-24-47	873
LEWIS, W. S., City Engr., Public Works Dept.	City Hall, Norfolk, Va.	C.E.	3-22-23	160
LINDSAY, Wm. S., Partner, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.,L.S.	3-22-23	158
LINDSTROM, ALVIN L., Consulting Mech. Engr.	1274 Stillwood Dr., N. E., Atlanta, 6, Ga.	M.E.	11-9-39	495

LINDSTROM, DONALD F.,	Room 640, 800 Peachtree Bldg.—Peachtree at 5th, Atlanta, Ga.	M.E.	6-20-47	847
LINTON, WILLIAM T., Prin. Sanitary Engr., State Board of Health	433 Wade Hampton State Office Bldg., Columbia, S. C.	C.E.	12-3-46	828
LITCHFIELD, N. D., duPont Company	P. O. Box 71, Chattanooga, Tenn.	M.E.	7-22-49	1106
LOGAN, RICHARD W., Chas. T. Main, Inc.	80 Federal Street, Boston, Mass.	M.E.	6-13-49	1077
LOUGHLIN, JAMES A., Consulting Engineer	1719 Dawson St., Wilmington, N. C.	C.E.	3-22-23	159
LOWE, ORRIS A., Jr.,	106 Clyde St., Hampton, Va.	E.E.	7-22-49	1102
LOWRY, WALTER L., Jr., Deering Milliken & Co., Inc.	5 Maybank Ave., Clemson, S. C.	C.E., L.S.	6-29-48	954
LUCAS, FRANK H., Jr., Soil Conservation Service	P. O. Box 110, Hartsville, S. C.	L.S. E.E.	6-20-39 6-25-46	484
LYMAN, JULIAN T., McCall-Thomas Engrg. Co., Inc.	112 Church St., N. E., Orangeburg, S. C.	E.E.	9-23-48	1012
LYNN, CHARLES F., Chief of Planning, S. C. Research, Planning & Development Board	724 Holly St., Columbia, S. C.	C.E.	7-9-35	403
MACKINTOSH, DAVID M., Jr., Beam & Mackintosh	404 Builders Bldg., Charlotte, N. C.	C.E.	1-27-49	1059
MAGILL, RICHARD V., Pres., Magill Contracting Co., Inc.	Whitmire, S. C.	C.E., L.S.	6-17-41	550
MALONE, R. L., Palmer & Malone, Civil Engrs.	7½ Law Range, Sumter, S. C.	C.E., L.S.	6-18-40	527
MANHEIM, C. M., Constr. Eng., Federal Works Agency	341 S. Waccamaw Ave., Columbia, 48, S. C.	C.E., L.S.	3-22-23	260

MANTELL, CHARLES L., Consulting Chemical Engineer	451 Washington St., New York, 13, N.Y.	Ch.E.	3-18-47	843
MARINO, CARLOS H., Blaw-Knox Construction Co.	321 Penn Ave., Pittsburgh, Pa.	C.E.	1-25-47	841
MARSHALL, GEORGE L., Jr., Civil Engr., J. Hearst Coleman Co.	Greenwood, S. C.	C.E.	12-7-43	612
MARSHALL, LAWRENCE E., Jr., Electrical Distribution Engr., Knoxville Utilities Board	Box 1951, Knoxville, Tenn.	E.E.	6-10-46	736
MARTIN, BEN H.,	P. O. Box 166, Easley, S. C.	C.E.	7-14-36	425
MARTIN, HAROLD R., Associate Professor, University of Maryland	College Park, Md.	M.E.	7-12-43	617
MAULDIN, EARLE, McGraw-Hill Publ. Co.	1311 Rhodes Haverty Bldg., Atlanta, 3, Ga.	C.E., M.E., L.S.	3-22-23	251
MAXEY, RUSSELL B.,	1318 Geiger Ave., Columbia, S. C.	C.E., L.S.	6-20-45	652
MAYNE, PAUL J., Consulting Engr. & Surveyor	Box 293, Opelousas, La.	C.E.	1-8-48	945
McBRAYER, THOMAS B., Engineer, Greenville Steel & Foundry Co.	P. O. Box 1199, Greenville, S. C.	C.E., L.S.	6-26-46	753
McCALL, ARTHUR E., Pres., McCall-Thomas Engineering Co., Inc.	112 Church St., N. E., Orangeburg, S. C.	E.E.	12-4-45	696
McCONNELL, EDMOND S., Engr., Permanente Products Co.	1924 Broadway, Oakland, 12, Calif.	E.E.	10-14-40	535
McCOY, FRANK G., Electronics Engr., Charleston Naval Shipyard	23A Savage St., Charleston, 4, S. C.	E.E.	12-5-39	505
McCRADY, JOHN, Chief Engr., The John McCrady Co.	P. O. Box 912, Charleston, S. C.	C.E.	3-22-23	173
McCRADY, JOHN, Jr., The John McCrady Co.	P. O. Box 912, Charleston, S. C.	C.E.	12-3-46	815

McCULLOUGH, L. H., Mgr., Palmetto Engineering Co.	Aiken, S. C.	C.E.,L.S.	12-2-24	287
McDONALD, FREDERICK H., Consulting Engineer	Peoples Bldg., Charleston, S. C.	C.E.,M.E.,E.E.	12-2-41	569
McDONNELL, R. E., Burns & McDonnell Engrg. Co.	P. O. Box 7088, Kansas City, 2, Mo.	C.E.	12-2-30	361
McDOWELL, HARRY L., Partner, W. O. Blackstone Plumbing & Heating Contractors	1630 Laurel St., Columbia, S. C.	M.E.	6-18-40	523
McFARLAND, C. B., Commander, U. S. N. (C. E. C.) Public Works Officer, U. S. Naval Shipyard	Naval Base, S. C.	C.E.,L.S.	12-4-34	398
McGEE, CHARLES L., Woodall Industries, Inc.	P. O. Box 12, Lexington, N. C.	L.S. C.E.	6-25-47 6-29-48	888
McGRAW, E. CLYDE, Stone & Webster Service Co.	90 Broad St., New York, N. Y.	E.E.	7-18-49	1082
McINTOSH, WILLIAM, Jr., Vice-Pres., Southern Corp.	P. O. Box 810, Charleston, S. C.	M.E.	7-13-48	992
McKEOWN, HARRY, Sales Engr., Sumter Supply Co.	107-109 E. Hampton St., Sumter, S. C.	M.E.	12-3-46	824
McKIBBEN, GEORGE S., Field Supt., Lafaye, Lafaye & Fair, Archs.	1226 Sumter St., Columbia, S. C.	C.E.	7-22-49	1086
McLELLAN, R. F., County Engineer	Court House, Sumter, S. C.	C.E.,L.S.	9-14-22	28
McMAHAN, JEFFERSON D., Jr., S. C. Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.	12-3-46	829
McMILLAN, C. R., Chief Highway Commissioner, State Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.	6-19-23	271
McPHERSON, G. BRUCE, Chief Engr. & Partner, The McPherson Co.	P. O. Box 2366, Greenville, S. C.	M.E.	7-13-37	444
McPHERSON, JNO. A., Sr. Partner, The McPherson Company	P. O. Box 2366, Greenville, S. C.	C.E.	3-22-23	172

McPHERSON, JNO. A., Jr., Partner, The McPherson Company	P. O. Box 2366, Greenville, S. C.	M.E.	6-24-47	871
McPHERSON, RALPH H., The McPherson Co.	P. O. Box 2366, Greenville, S. C.	C.E.	12-2-41	567
McWILLIAMS, WILLIAM R., Columbia Cooling & Heating Co.	500 Hampton St., Columbia, S. C.	M.E.	1-27-49	1070
MEAKIN, HOWARD W., J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	1-27-49	1064
MIKELL, WILLIAM C., Veterans Administration	419 Etiwan Ave., Columbia, S. C.	C.E.	12-4-46	831
MILES, ALFRED M., Miles Elec. Eng. Service	P. O. Box 394, Spartanburg, S. C.	E.E.	6-24-47	881
MILLARD, CHARLES H.	Rt. No. 1, Taylors, S. C.	C.E.,L.S.	6-19-23	274
MILLARD, M. K., Partner, Millard & Rice	Route 3, Sumter, S. C.	C.E.,L.S.	12-5-44	635
MILLER, E. PARKER, S. C. Electric & Gas Co.	P. O. Box 390, Columbia, S. C.	E.E.	6-25-46	768
MILLER, L. R., Rate Engr., S. C. Public Service Commission	329 Wade Hampton Bldg., Columbia, S. C.	E.E.	6-20-39	489
MILLER, ROBERT A., Prof., Univ. of S. C.	University of S. C., Columbia, S. C.	C.E.,L.S.	12-3-47	939
MILLS, DONALD, Consulting Engineer	P. O. Box 534, Selma, Ala.	C.E.	12-2-41	559
MILLS, JOB J., Consulting Textile Engr., The McPherson Co.	217 Cammar Ave., Greenville, S. C.	M.E.	6-25-46	777
MILLS, WILLIAM H., Dist. Engr., The Asphalt Inst.	305 Mortgage Guarantee Bldg., Atlanta, 3, Ga.	C.E.	6-17-41	554
MIMS, HARRY M., J. F. Cleckley Co.	Box 209, Orangeburg, S. C.	C.E.,L.S.	12-5-45	698
MITCHELL, NATHANIEL M., Pres., Barnes Textile Assoc., Inc.	10 High St., Boston, Mass.	M.E.	12-2-41	572

MITER, H. F., Vice-Pres. and Distr. Mgr., The Austin Co.	16112 Euclid Ave., Cleveland, 12, Ohio	C.E.	6-9-38	455
MOONEY, GEORGE G., C. J. Senerchia, Inc.	4303 N.W. 7th Ave., Miami, Fla.	C.E.,L.S.	6-29-48	953
MOORE, JOSEPH H., Chief Engr., S. C. Public Service Auth.	Moncks Corner, S. C.	C.E.	6-17-41	555
MOORE, RICHARD H., Consulting Engineer	Box 328, Asheboro, N. C.	C.E.	12-2-41	568
MORELAND, EDWARD L., Partner, Jackson & Moreland	31 St. James Ave., Boston, 16, Mass.	E.E.	2-9-33	382
MORGAN, BENJAMIN A., Jr., Field Engr., Celanese Corp. of America	627 E. Main St., Rock Hill, S. C.	C.E.,L.S.	12-1-31	373
MORGAN, G. R., Partner & Dept. Head, J. E. Serrine Co., Engrs.	P. O. Box 960, Greenville, S. C.	E.E.,M.E.	12-7-26	312
MORGAN, JOHN W., Jr., Sales Mgr., Kline Iron & Metal Co.	P. O. Box 1013, Columbia, S. C.	C.E.	12-4-45	688
MORRIS, EDGAR L., Partner, McLain and Morris, Attys.	910 Liberty Life Bldg., Columbia, S. C.	C.E.	12-2-47	922
MORRIS, IRVINE E., I. E. Morris and Assoc.	508 Henry Grady Bldg., Atlanta, Ga.	C.E.	10-24-47	906
MOSELEY, CHARLES W., R. H. Bouligny, Inc.	Box 2115, Charlotte, N. C.	E.E.	6-25-46	762
MOSELEY, MAURICE D., S. C. Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.	12-3-46	838
MUNDY, JOHN T., Jr., Consulting Engineer	Seven Oaks, Rt. 2, Columbia, S. C.	E.E.	12-5-39	501
MURPH, JULIAN L., Asst. to Supt. of Buildings and Playgrounds Clemson College	Clemson, S. C.	C.E.,L.S.	6-25-47	877
MURPHY, WILLIAM P.,	139 Hampton St., Walterboro, S. C.	C.E.	3-2-48	948
MURRAY, F. H.	6½ Law Range, Sumter, S. C.	C.E.,L.S.	12-5-22	52

MUSTARD, ALLAN C., Jr., Dist. Mgr., S. C. Power Co.	Beaufort, S. C.	E.E.	12-2-47	933
MYERS, JOHN C., Assistant Professor, The Citadel	Charleston, 29, S. C.	C.E.,L.S.	6-26-46	791
NABOW, DAVID, Duke Power Co.	Power Building, Charlotte, N. C.	C.E.	7-22-49	1089
NAIMAN, SOLOMON, Owner, Naiman & Co.	38 Austin Ave., Asheville, N. C.	E.E.	6-25-46	761
NARDIN, W. H., Chemical Engineer, J. E. Sirrine Co., Engrs.	Box 960, Greenville, S. C.	Ch.E.	6-19-45	656
NEEDLE, JOSEPH, Asst. City Engineer	City Hall, Charleston, S. C.	C.E.,L.S.	9-14-22	29
NEWTON, ROBERT P., Jr., Pres. & Treas., Applied Engineering Co.	Box 506, Orangeburg, S. C.	Ch.E.	6-19-45	657
NICKLES, WILLIAM D., The McPherson Co.	P. O. Box 2366, Greenville, S. C.	E.E.	12-5-44	643
63 NORMAN, CLARENCE C.,	316 N. Franklin, Ames, Iowa	C.E.,L.S.	6-15-43	595
NORTON, EVAN, City Engr., City of Winston-Salem, N. C.	City Hall, Winston-Salem, N. C.	C.E.	9-23-48	1021
O'CAIN, MALCOLM C.	Route 4, Camden, S. C.	C.E.,L.S.	12-4-46	827
O'DELL, T. W., Resident Engineer, The Harwood Beebe Co.	208 Montgomery Bldg., Spartanburg, S. C.	C.E.,L.S.	3-22-23	177
OLSEN, WILLIAM C., Consulting Engineer	5th Floor, Bldg. & Loan Bldg., Raleigh, N. C.	M.E.,E.E.	12-7-26	310
OTT, THOMAS O., Jr., Lockwood Greene Engrs., Inc.	Montgomery Bldg., Spartanburg, S. C.	M.E.	6-29-48	989
OTTO, OLAF	412 Bay St., East, Savannah, Ga.	C.E.	7-12-32	374
OWINGS, JOHN B., Vice-Pres., Lind Steel Co.	6949 Lynn Way, Pittsburgh, Pa.	C.E.,L.S.	12-3-46	818

PAGE, ARVIN, Chief Engineer, The Bahnson Co.	1001 S. Marshall St., Winston-Salem, N. C.	M.E.	12-4-45	679
PAGE, OTIS M.	1000 E. Main St., Dillon, S. C.	C.E.,L.S.	3-22-23	181
PAGE, RANDOLPH R., Valuation Engr., War Assets Adm.	3032 Que St., N.W., Washington, D. C.	C.E.,L.S.	12-28-42	297
PAGE, THOMAS E., Engr., District Public Works Officer Sixth Naval Dist.	Box 624, Naval Base, 7, S. C.	M.E.	6-19-45	654
PALMER, JOSEPH, Palmer & Malone, Civil Engrs.	7½ Law Range, Sumter, S. C.	C.E.,L.S.	9-14-22	30
PARKER, FRANKLIN P., Chas. T. Main, Inc.	80 Federal St., Boston, Mass.	C.E.	1-31-49	1065
PARKS, L. E., Mech. Engr., Duncan Mills	Box 1020, Greenville, S. C.	M.E.	12-6-38	478
PARROTT, WILLIAM G., Jr., S. C. Public Service Authority	Box 182, Summerville, S. C.	E.E.	6-24-47	895
PATCHEN, JOSEF C., Patchen & Zimmerman, Engrs.	Daniel Field Airport, Augusta, Ga.	C.E.	5-13-48	949
PEARMAN, SILAS N., State Highway Engineer	State Highway Dept., Columbia, S. C.	C.E.,L.S.	12-2-47	924
PEARSON, J. F., Supt., Orangeburg Water & Light Plant	222 Middleton St., S.E., Orangeburg, S. C.	E.E.,M.E.	3-22-23	182
PEASE, J. N.	119½ E. 5th St., Charlotte, N. C.	C.E.	3-22-23	189
PEIRSON, NAT D., Partner, Peirson & Whitman Consulting Engineers	Security Bank Bldg., Raleigh, N. C.	C.E.	12-4-45	677
PENNEL, JOHN W., Owner, John W. Pennel, Civil Engineer	200 E. Fourth St., Panama City, Fla.	C.E.,L.S.	12-7-43	615
PERNA, FRANCIS J., Major, Asst. Post Engr.	Fort Jackson, S. C.	C.E.,L.S.	11-19-48	1045

PERREYCLEAR, WILLIAM H., Partner, Carper & Perreyclear	1532 High St., Richmond, 20, Va.	C.E.,L.S.	6-18-40	524
PERRY, WILLIAM G., Jr., Partner, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	C.E.	3-25-42	575
PHILLIPS, J. VERNON, Phillips Engineering Co.	Box 588, Gaffney, S. C.	C.E.,L.S.	12-2-30	364
PHIPPS, FRED V., Building Official, City of Columbia, S. C.	City Hall, Columbia, S. C.	C.E.,L.S.	12-2-41	566
PIATT, Wm. M., Piatt & Davis, Engrs.	Suite 1205, 111 Corcoran St., Durham, N. C.	C.E.,E.E.	12-5-22	55
PICKELL, HEYWARD M., Pickell & Pickell, Engrs.	119 Cleveland Ave., Greenville, S. C.	C.E.,L.S.	7-8-30	356
PICKELL, WALTER L., Jr., Partner, Pickell & Pickell, Engrs.	119 Cleveland Ave., Greenville, S. C.	C.E.	12-3-40	540
PIERCE, HARVEY F., Sec.-Treas., M. H. Connell & Associates	200 Langford Bldg., Miami, 32, Fla.	M.E.,E.E.	12-30-46	837
PIRNIE, MALCOLM, Partner, Malcolm Pirnie Engineers	25 West 43rd St., New York, 18, N. Y.	C.E.	12-1-36	431
POLLARD, L. W., Partner, Barber, Keels & Associates, Inc.	P. O. Box 1116, Columbia, S. C.	C.E.	7-14-46	424
POOSER, A. KEITH, Stonecutter Mills Corp.	Spindale, N. C.	C.E.,L.S.	12-7-37	450
PORTER, ROBERT D., Sr. Engr., Burlington Mills Corp.	211 So. Edgeworth St., Greensboro, N. C.	M.E.,C.E.	3-22-23	250
POSEY, JAMES, James Posey & Associates	10 E. Pleasant St., Baltimore, 2, Md.	M.E.	9-22-41	557
PREACHER, GERALD H., Electrical Engrg. Consultant	1226 Bull St., Columbia, S. C.	E.E.	12-3-46	816
PRETTYMAN, C. F.,	P. O. Box 748, Summerville, S. C.	C.E.,L.S.	3-22-23	187
PRICE, EDWARD L.,	P. O. Box 512, Moultrieville, S. C.	C.E.,L.S.	9-14-22	32

PRUDEN, JAMES M.,	P. O. Box 820, Bartow, Fla.	C.E.	9-23-48	993
PRUITT, RALPH S., Secretary, C. M. Guest & Sons	1617 Main St., Anderson, S. C.	M.E.	7-14-36	423
QUATTLEBAUM, A. M., Harlee-Quattlebaum Construction Co.	1506 Madison Ave., Florence, S. C.	C.E.,L.S.	12-2-41	573
QUATTLEBAUM, CEPHAS P., Quattlebaum Engrg. Co.	Johnston, S. C.	C.E.,L.S.	11-19-48	1039
QUATTLEBAUM, McQUEEN, Ch. Engr., Quattlebaum Engineering Co.	Johnston, S. C.	C.E.,M.E.,L.S.	3-22-23	249
RACE, GEORGE W., Engineer	Palmetto Building, Greenville, S. C.	C.E.	11-19-48	1046
RADER, J. F., Sr., Gen. Supt., S. C. Electric & Gas Co.	328 Main St., Columbia, S. C.	E.E.	12-3-40	558
RADER, J. FRANK, Jr., Columbia Electric Repair Co.	906 Main St., Columbia, S. C.	E.E.	3-12-46	717
RAMBO, S. B., Supt., Riddlehuber & Co.	211 East Ave., Greenwood, S. C.	C.E.	12-5-22	57
RAMSEUR, VARDRY D., Jr., V. D. Ramseur & Sons	353 W. McBee Ave., Greenville, S. C.	M.E.	9-23-48	1024
REAMER, WILLIAM S., Jr., Pres., Reamer Industries, Inc.	Seaboard Park, Columbia, S. C.	M.E.	6-20-44	622
REED, CLARK L., Valuation Engr., S. C. Public Service Comm.	329 Wade Hampton Bldg., Columbia, S. C.	E.E.	6-16-42	583
RICE, B. P., Engr., Reconstruction Finance Corp.	713 Healey Bldg., Atlanta, 3, Ga.	C.E.	7-8-30	353
RICHARDSON, JOHN,	171 Broad St., Charleston, 4, S. C.	C.E.,L.S.	3-22-23	190
RICKETSON, JAMES L., Shipbuilding Inspector, U. S. N.	Box 443, Naval Base, S. C.	E.E.	6-20-44	623
RILEY, CHARLES A., Engr., Heyward S. Singley, Arch.	3012 Bratton St., Columbia, 15, S. C.	C.E.	3-12-46	723

ROBERT, L. W., Jr., Chm. of Board, Robert & Co. Associates, Inc.	96 Poplar St., N.W., Atlanta, 3, Ga.	C.E.	12-7-37	448
ROBERTS, C. P., Johnson & Roberts, Consulting Engineers	Drawer 600, Marion, S. C.	C.E., L.S.	3-22-23	239
ROBERTS, PHIL T., Chief Engr., Elec. Dept., J. B. McCrary Engr. Corp.	1408-22 Marietta St. Bldg., Atlanta, 3, Ga.	E.E.	12-5-45	686
ROBERTS, SAMUEL B., Chief Engr., Celanese Corp. of America	2 Park Avenue, New York, 16, N. Y.	M.E.	4-19-46	733
ROBERSON, ADRIAN L., Partner, Craig-Roberson Constr. Co.	1610 Westminster Dr., Columbia, S. C.	C.E.	12-2-47	932
ROGERS, HENRY M., Jr., Lockwood Greene Engrs., Inc.	Montgomery Bldg., Spartanburg, S. C.	E.E., M.E.	12-29-47	943
ROGERS, LOTT T., City Mgr. of Camden	Camden, S. C.	C.E.	12-3-47	917
ROGERS, RUSSELL D., E. I. duPont deNemours & Co.	12539 Nemours Bldg., Wilmington, 98, Dela.	C.E.	6-22-49	1080
ROUSE, R. K., Owner, R. K. Rouse Co.	228 N. Main St., Greenville, S. C.	M.E.	6-21-38	466
ROUSE, WELBY C., Sales Engineer	1609 Lindell Rd., Greensboro, N. C.	M.E.	6-25-47	894
ROWE, GILBERT H., Sr., Str. Engr., Wm. G. Lyles, Bissett, Carlisle & Wolff, Archs.	1321 Bull St., Columbia, S. C.	C.E.	7-22-49	1087
ROWE, ROBERT R., Chief Engineer, Montgomery Ward & Co.	619 W. Chicago Ave., Chicago, 7, Illinois	C.E.	7-9-35	409
ROWE, WALTER E., Walter E. Rowe & Associates	Williston, S. C.	C.E.	12-1-25	298
ROYALL, ROBERT V., Res. Engr., State Highway Dept.	Box 163, Avondale Branch, Charleston, S. C.	C.E., L.S.	12-5-45	684
RUFF, D. GEORGE, Partner, Columbia Engineering Co.	819 Harden Street, Columbia, S. C.	L.S. C.E.	6-20-44 11-19-48	624

RUSKAMP, WILLIAM H., Design Service Co.	1715 W. 94th St., Chicago, 9, Ill.	C.E.	12-6-38	471
RUTLEDGE, JAMES R., Elec. Engr., Huntington & Guerry Elec. Co.	P. O. Box 270, Greenville, S. C.	E.E.	7-9-35	401
SALGO, MICHAEL N., Principal Asst. to Dist. Civil Engr., Third Naval Dist. Headquarters, Navy Dept.	New York, N. Y.	C.E.	6-16-42	582
SALLEY, EDWARD C., Field Engr., S. C. Public Service Commission	329 Wade Hampton Bldg., Columbia, S. C.	E.E.	6-18-40	528
SAMPSON, CHARLES E., S. C. Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	C.E.	6-24-47	866
SAMS, JAMES H., Vice-Dean, School of Engineering, Clemson College	Clemson, S. C.	E.E., M.E.	12-5-29	347
SANDERS, CHARLES R., Asst. District Engineer, State Highway Dept.	1015½ Sumter St., Columbia, S. C.	C.E., L.S.	12-5-39	509
SATER, OLA T., Supervising Engr., Gibbs & Hill, Inc.	Pennsylvania Station, New York, 1, N. Y.	C.E.	6-25-46	757
SAWYER, BEVERLY H., Consulting and Construction Engr.	1706 Highmarket St., Georgetown, S. C.	C.E.	6-18-40	533
SCHACHTE, WILLIAM L., U. S. Naval Shipyard	152 Grove St., Charleston, S. C.	E.E.	11-19-48	1051
SCHRODER, FREDERICK E., Duncan Mills	130 Capers St., Greenville, S. C.	M.E.	12-2-47	938
SCHWEITZER, R. R., Sr., Layne Atlantic Co.	Box 1568, Norfolk, Va.	C.E.	4-5-39	481
SCOTT, ARTHUR L., Shakespeare Co.	P. O. Box 5207, Columbia, S. C.	M.E.	7-22-49	1093
SCRUGGS, E. L., Chief Engineer, The Springs Cotton Mills	Box 710, Lancaster, S. C.	C.E.	1-15-28	321
SCRUGGS, J. Y., City Engineer	P. O. Box 728, Rock Hill, S. C.	C.E.	3-22-23	241

SEARS, ALDEN J., S. C. Public Service Comm.	329 Wade Hampton Bldg., Columbia, S. C.	E.E.	6-29-48	990
SHAND, GADSDEN E., Jr., Shand Engineering Sales Co.	1226 Bull St., Columbia, S. C.	C.E.	12-5-44	638
SHAND, JULIAN B., Asst. Prof. of Civil Engrg.	University of S. C., Columbia, S. C.	C.E.	6-20-45	653
SHAW, ARTHUR L., Partner, Metcalf & Eddy	1300 Statler Bldg., Boston, 16, Mass.	C.E.	2-19-42	574
SHAW, H. W.	Route 2, Bishopville, S. C.	C.E.,L.S.	6-17-24	284
SHEPARD, JOHN deB., Associate, P. L. Davidson, Engr.	P. O. Box 2235, Greenville, S. C.	M.E.	6-25-46	780
SHERMAN, WARREN P., Merrill Stevens Dry Dock & Repair Co.	Mandarin, Fla.	M.E.	6-18-40	525
SHIGLEY, J. E., Prof., Clemson College	Clemson, S. C.	E.E.,M.E.	12-7-43	616
SHOOLBRED, AUGUSTUS W., S. C. Aeronautics Comm.	P. O. Box 1176, Columbia, S. C.	C.E.,L.S.	11-19-48	1036
SHIPPEY, THOMAS L., Blanton & Shippey	112 Wall St., Spartanburg, S. C.	C.E.,L.S.	12-4-46	820
SHULER, E. H., Prof. of Appl. Math., Wofford College	126 E. Cleveland St., Spartanburg, S. C.	M.E.,E.E.,L.S.	3-22-23	209
SHULER, ELLIE G., J. F. Cleckley Co.	Orangeburg, S. C.	C.E.,L.S.	7-22-49	1103
SHULL, EDWIN LeROY, Drainage Engr., Soil Conservation Service	P. O. Box 30, Kingstree, S. C.	C.E.,L.S.	6-26-46	788
SHYBEKAY, DERSO S., Pres., Industrial Research Council of America	P. O. Box 324, Minneapolis, Minn.	M.E.	6-25-46	763
SILBERT, S. JOSEPH, Professional Engineer	331 Madison Ave., New York, 17, N. Y.	M.E.	6-25-46	764
SIMPSON, JAMES L., Jr., Marr and Holman	702 Stahlman Bldg., Nashville, Tenn.	E.E.	12-13-48	1055

SISK, R. D. VAN, Piedmont Engrg. Corp.	Box 2094, Charlotte, N. C.	M.E.	12-4-45	673
SITTON, JOSEPH J., County Engineer	Court House, Anderson, S. C.	C.E.	1-27-49	1067
SLATTERY, L. P. Suburban Housing Corp.	P. O. Box 1983, Greenville, S. C.	C.E.,L.S.	3-22-23	151
SLIGH, H. L., Dist. Engr., State Highway Dept.	Florence, S. C.	C.E.	3-22-23	207
SMALL, JAMES H., Owner, James H. Small Co.	Box 4786, Jacksonville, Fla.	C.E.,L.S.	6-20-45	648
SMITH, CHARLES J., Vice-Pres., Seaboard Gas Co.	P. O. Box 207, Charleston, S. C.	Ch.E.	6-25-46	782
SMITH, ELROY G., War Department, Office of Ch. of Engineers	514 24th St., Arlington, Va.	C.E.,L.S.	7-10-28	326
SMITH, FREDERICK A., Deering Milliken & Co., Inc.	Box 1698, Greenville, S. C.	C.E.	1-27-49	1058
SMITH, W. AUSTIN, Partner, Smith & Gillespie, Engineers	P. O. Box 1048, Jacksonville, Fla.	C.E.	7-31-42	588
SMITH, WALTER S., Jr., Georgia Power Company	713 Broad Street, Augusta, Ga.	E.E.	3-1-47	842
SMITH, WILBUR S., Smith, Dibble & Co.	1315 Marion St., Columbia, S. C.	C.E.	6-17-41	551
SMOAK, RALPH A., Union Bag & Paper Co.	P. O. Box 570, Savannah, Ga.	M.E.,L.S.	1-27-49	1072
SNOWDEN, B. E. B., Partner, Southern Engineering Co.	699 Spring St., N. W., Atlanta, Ga.	E.E.	6-18-40	521
SPEER, GEORGE M., Supt., Water & Electric Plant	P. O. Box 44, Abbeville, S. C.	E.E.	6-25-46	766
SPEIGHTS, JAMES M., W. E. Raines Co.	14 Seventh St., Augusta, Ga.	C.E.	12-5-45	687
SPELLMAN, J. F., Eng., J. E. Sirrinc Co.	P. O. Box 960, Greenville, S. C.	C.E.,M.E.	3-22-23	204

SPERRY, SAMUEL M., Gilbert Associates, Inc.	412 Washington St., Reading, Pa.	M.E.	10-15-48	1028
STALL, A. NEWTON, Mgr., Construction Supplies, Inc.	P. O. Box 2125, Greenville, S. C.	C.E.	12-2-47	926
STANFORD, ALAN G., Robert & Co. Associates, Inc.	96 Poplar St., N. W., Atlanta, Ga.	E.E., M.E.	6-13-49	1078
STEPHENS, JAMES H., State Board of Health	433 Wade Hampton Bldg., Columbia, 10, S. C.	C.E.	12-6-38	479
STEWMAN, JOHN A., Jr., Lee Engineering Co.	Box 1378, Charlotte, N. C.	C.E.	12-4-46	802
STIPP, ROY A., Sales Engineer	P. O. Box 1796, Greenville, S. C.	M.E.	6-18-40	531
STOKELY, MURRAY M., Elec. Engr., J. E. Sirrine Company	P. O. Box 960, Greenville, S. C.	E.E.	12-2-47	937
STOKES, HERBERT L., Operating Engr., S. C. Public Service Auth.	Moncks Corner, S. C.	E.E.	12-7-37	451
STORK, ROBERT B., Engr., S. C. Aeronautics Commission	1511 Idalia Rd., Columbia, 58, S. C.	L.S. C.E.	12-4-45 9-23-48	665
STOUT, RUSSELL H., U. S. Naval Shipyard	Naval Base, S. C.	M.E.	6-24-47	870
STRAUS, FERDINAND N., The Austin Company	16112 Euclid Ave., Cleveland, Ohio	M.E.	12-5-45	685
STRAWN, FLOYD L., Construction Engineer	P. O. Box 2724, Charlotte, 1, N. C.	C.E.	6-25-46	781
STRIBLING, JOSEPH N., Duke Power Co.	Box 2178, Charlotte, N. C.	C.E.	1-27-49	1060
STROBEL, PETER A., Partner, Strobel & Salzman	55 W. 45th St., New York, 19, N. Y.	C.E.	6-20-46	737
STUART, BURTON B., Dist. Mgr., Raytheon Mfg. Co.	Waltham, 54, Mass.	E.E.	6-20-44	625
SUDLOW, HARRY, Engineer	2117 Barnwell Ave., Aiken, S. C.	C.E., E.E.	7-9-29	332

SUMMER, VIRGIL C., Jr., S. C. Electric & Gas Co.	Parr, S. C.	M.E.	1-27-49	1071
SUTHERLAND, JAMES F., The McPherson Company	P. O. Box 2366, Greenville, S. C.	C.E.	6-29-48	987
SUTTON, H. N., Chief Bldg. Inspector, City of Charlotte	City Hall, Charlotte, N. C.	C.E.	3-22-23	213
SUMWALT, R. L., Dean, School of Engineering, University of S. C.	Columbia, S. C.	C.E.	7-14-31	367
Chairman, State Bd. of Engineering Exmrs.		L.S.	12-2-47	
SWANNELL, HORACE C., Partner, J. E. Sirrine Co.	P. O. Box 960, Greenville, S. C.	E.E.	6-15-43	605
SWEENEY, F. R., F. R. Sweeney & Co., Consulting Engineer	207 Roberts St., Anderson, S. C.	C.E.	3-22-23	247
Vice-Chmn., State Bd. of Engineering Exmrs.				
TAYLOR, ROGER, Consulting Engineer	Peoples Bldg., Charleston, S. C.	C.E.	6-26-46	793
THOMAN, CHARLES A., Gen. Mgr. WALD, Walterboro Broadcasting Co.	Walterboro, S. C.	E.E.	12-3-46	834
THOMAS, GEORGE S., Elec. Engr., U. S. Air Force	1902 Green St., Columbia, S. C.	E.E.	6-15-43	601
THOMAS, HENRY C., Vice-Pres. McCall-Thomas Engineering Co.	112 Church St., N.E., Orangeburg, S. C.	E.E.	6-20-39	485
THOMAS, HUGUENIN, Jr., Thomas and Hutton	204 East Bay St., Savannah, Ga.	C.E.,L.S.	10-6-47	903
THOMPSON, WESLEY F., Jr., Engr., Kline Iron & Metal Co.	1225 Huger St., Columbia, S. C.	C.E.	6-25-46	783
THOMSON, B. M., Charleston Municipal Airport	6-N. Allan Park, Charleston, S. C.	C.E.,L.S.	9-14-22	34
THROWER, WILLIAM H.	Cheraw, S. C.	C.E.,L.S.	6-18-40	529
TINDALL, W. P., Asst. Plant Engr., Ecusta Paper Corp.	Pisgah Forest, N. C.	M.E.	12-3-29	344

TOMLINSON, HENRY H., Partner, Widdicombe Engineering Co.	117 South 17th St., Philadelphia, 3, Pa.	C.E.	6-20-45	650
TOMLINSON, W. S., Director of Public Works, City of Columbia, S. C.	City Hall, Columbia, 3, S. C.	C.E.,L.S.	9-14-22	4
TOOLE, MAX G., Chief Elec. Engineer, 6th, 7th, and 8th Naval Dists.	P. O. Box 365, Naval Base, S. C.	E.E.	6-16-42	581
TRACY, NELLSON N., Jr., J. E. Sirrine Co.	Box 281, Palatka, Fla.	C.E.	12-4-46	800
TRAPNELL, N. M., Hankins & Trapnell	300 E. Main St., Richmond, 19, Va.	M.E.	7-22-49	1092
TREADWAY, T. FOLEY, Jr., Partner, Southern Engineering Co.	699 Spring St., N. W., Atlanta, Ga.	E.E.	6-18-40	532
TRIVELY, I. A., Asst. Prof. of Civil Engrg., Clemson College	Clemson, S. C.	C.E.,L.S.	3-12-46	720
28 TUCK, JAMES ALLEN, Consulting Engr.	132 Nassau Street, New York, 7, N. Y.	M.E.	12-19-46	832
TUCKER, CARY D., Partner, W. B. Guimarin & Co.	Box 898, Columbia, S. C.	M.E.	12-3-46	839
TURBEVILLE, W. R., Structural Designer, State Highway Dept.	P. O. Box 27, Columbia, S. C.	C.E.	3-22-23	218
UHL, WILLIAM F., Pres., Charles T. Main, Inc.	80 Federal St., Boston, 10, Mass.	C.E.,M.E.	10-19-45	658
URQUHART, JAMES B.	705-6 Palmetto Bldg., Columbia, S. C.	C.E.	12-7-43	614
VAN ATTA, FRED F., Assistant Secretary, American Concrete Institute	719 New Center Bldg., Detroit, 2, Mich.	C.E.,L.S.	12-7-43	613
VANN, EUGENE J., Lockwood Greene Engrs., Inc.	920 Montgomery Bldg., Spartanburg, S. C.	M.E.	12-2-47	936
VANNORT, B. O., Owner, B. O. Vannort, Engr.	218 W. Second St., Charlotte, 2, N. C.	C.E.	6-20-39	488

VEATCH, NATHAN T., Black & Veatch	4706 Broadway, Kansas City, Mo.	C.E.	10-20-48	1029
WAGENER, FREDERICK W., U. S. Geological Survey	207 Creason Bldg., Columbia, S. C.	C.E.	6-24-47	885
WALDREP, JAMES E., Engr., Poe Piping and Heating Co.	Box 1940, Greenville, S. C.	M.E.	6-15-43	604
WALKER, BENJAMIN F., Jr., Barber, Keels & Assoc., Inc.	P. O. Box 1116, Columbia, S. C.	C.E.,L.S.	1-27-49	1066
WALKER, JOHN W., Owner, Walker Laboratory	2024 Blanding St., Columbia, S. C.	C.E.	6-25-46	765
WALKER, REUBEN K., President-Treas., Stubblefield & Walker, Inc.	1900 Blanding St., Columbia, 24, S. C.	C.E.,L.S.	12-5-39	504
WALLACE, W. G., Commander, U. S. Coast Guard	242 Old Custom House, St. Louis, Mo.	C.E.	6-19-23	273
WALLACE, WILLIAM M., II, Consulting Engineer	126 East Parrish St., Durham, N. C.	M.E.	3-22-47	844
WANNAMAKER, H. L., Foreman, Southeastern Construction Co.	5 Halsey St., Charleston, 16, S. C.	C.E.	3-22-23	248
WANNAMAKER, W. W., Jr., Pres., Wannamaker & Wells, Inc.	P. O. Box 542, Orangeburg, S. C.	C.E.,L.S.	12-1-25	301
WARD, GEORGE S.	Pawleys Island, S. C.	C.E.,L.S.	11-19-48	1047
WARDLAW, J. G., Contractor	P. O. Box 5362, Five Pts. Stn., Columbia, S. C.	C.E.	6-7-41	547
WARREN, ROBERT M., Jr., Buensod-Stacey, Inc.	Box 1755, Charlotte, N. C.	M.E.,E.E.	12-3-46	823
WATSON, GEORGE P., Staff Engr., Kendall Mills	521 E. Morehead, Charlotte, N. C.	E.E.	6-18-40	522
WATSON, SAMUEL M., Jr., Assoc. Prof., Clemson College	P. O. Box 1344, Clemson, S. C.	M.E.	6-24-47	890
WATSON, THEODORE M., Supt. of Horry Division, S. C. Public Service Auth.	Drawer 29, Conway, S. C.	E.E.	6-15-43	603

WATSON, TOLAND H., Manor Construction Co., Inc.	Box 5243, Columbia, S. C.	C.E.	12-2-47	925
WEEKS, DANIEL S., Owner, D. S. Weeks, Engineer	1182 St. Louis Place, N. E., Atlanta, Ga.	C.E., L.S.	6-25-46	756
WELCH, HARVEY S., Jr., The McPherson Co.	P. O. Box 2366, Greenville, S. C.	M.E.	6-29-48	984
WELKER, ALAN P., Merritt and Welker	P. O. Box 7, Marietta, Ga.	C.E.	6-29-48	955
WELLS, ROBERT E., Reynolds Metals Co.	5th and Cary Streets, Richmond, Va.	Ch.E.	12-3-47	934
WESCOAT, SIDNEY G., Western Electric Co., Inc., N. Y. C.	120 Broadway, New York, 5, N. Y.	E.E.	12-2-47	919
WEST, WALTER, Jr., The Harwood Beebe Company	208 Montgomery Bldg., Spartanburg, S. C.	C.E., L.S.	12-2-47	927
WESTBYE, JOHN B., Electrical Engineer, Gibbs & Hill, Inc.	Pennsylvania Station, New York, 1, N. Y.	E.E.	6-20-45	649
WESTON, JULIAN B., Engr., Charleston County	Room 436, The Center, Charleston, S. C.	C.E., L.S.	3-22-23	222
WESTON, WILLIAM C., Principal Sanitary Engineer, State Board of Health	Wade Hampton Bldg., Columbia, 10, S. C.	C.E.	3-22-23	225
WEVER, LIVINGSTON R., Adj. Prof. of Elec. Engrg.	University of S. C., Columbia, S. C.	E.E.	11-19-48	1052
WHITE, A. O., Jr., Engr. Asst. to J. N. Eley, Consulting Engr.	1416 C. & S. Bank Bldg., Atlanta, Ga.	M.E.	6-24-47	887
WHITE, GEORGE W., Co-Partner, The Harwood Beebe Co.	208 Montgomery Bldg., Spartanburg, S. C.	C.E., L.S.	3-22-23	232
WHITE, GUY H., Supt. of Water Plant, City of Columbia	2217 Gadsden St., Columbia, 2, S. C.	M.E.	9-14-22	37
WHITE, HIRAM H., White & Maret, Engrs.	P. O. Box 685, Rock Hill, S. C.	C.E., L.S.	3-22-23	228

WHITING, WILLIAM S., Jr., Whiting Products Co.	1000 Mill St., Camden, S. C.	M.E.	6-25-46	754
WIEDEMAN, H. F., Partner, Wiedeman & Singleton, Engrs.	1303 C. & S. Bank Bldg., Atlanta, Ga.	C.E.	6-23-25	294
WIER, JACK	c/o Knox Bros., Inc., Thomson, Ga.	C.E.	3-22-23	224
WILBOURN, R. G., J. B. McCrary Engineering Corp.	1408-22 Marietta St. Bldg., Atlanta, Ga.	C.E.	12-4-45	637
WILKINSON, READING, Associate, The John McCrary Co.	801 Peoples Bldg., Charleston, S. C.	C.E.	9-27-46	798
WILLIAMS, BERT B., Asst. Prof. of Civil Engineering, The Citadel	Charleston, S. C.	C.E.	6-26-46	776
WILLIAMS, GEORGE W., Major, U. S. Army	Fort Knox, Ky.	C.E.,L.S.	3-12-46	727
WILLIAMS, JAMES D., Vice-Pres., Reamer Industries, Inc.	Seaboard Park, Columbia, S. C.	M.E.	12-2-47	942
WILLIAMS, JAMES L., Chief Engr., Architect-Engineer & Associates	P. O. Box 391, Marion, Va.	C.E.	6-3-46	735
WILLIAMSON, J. S., Chief Highway Engr., Harold T. Smith, Inc., Quito, Ecuador, S. A.	3213 Amherst Ave., Columbia, S. C.	C.E.,L.S.	3-22-23	229
WILLIAMSON, JOE, Jr., Vice-Pres. & Mgr., Fla. Office, Russell and Axon, Engrs.	P. O. Box 1548, Municipal Airport, Daytona Beach, Fla.	C.E.	8-7-44	627
WILLIS, W. N., Consulting Engr., U. S. Engineers Dept.	P. O. Box 748, Spartanburg, S. C.	C.E.,L.S.	3-22-23	234
WILLSON, H. S., Branch Manager, Noland Company, Inc.	1409 Taylor St., Columbia, S. C.	M.E.	7-12-27	319
WILSON, T. E., Civil Engineer and Surveyor	206 Municipal Bldg., Darlington, S. C.	C.E.,L.S.	12-5-22	62
WINGFIELD, K. SEWELL, Consulting Engineer	312 Queen St., Alexandria, Va.	C.E.	12-5-44	631

WISE, CARLTON T., Designing Engineer, J. E. Serrine Co., Engrs.	P. O. Box 960, Greenville, S. C.	C.E., L.S.	12-5-44	633
WISE, WILLIAM R., Mgr.-Engr., Public Utilities, Newberry, S. C.	Box 333, Newberry, S. C.	E.E.	3-12-46	715
WOODWARD, EMERY B., Elec. Engr., Public Works Dept., Charleston Naval Shipyard	Naval Base, S. C.	E.E.	6-15-43	602
WOODWARD, MADISON H., Gen. Mgr., Woodward Engrg. & Constr. Co.	141 River St., Greenville, S. C.	C.E.	6-20-39	490
WOOTEN, M. FRANK, Jr., Partner, Wooten & Wooten, Consulting Engrs. & Architects	215 Latta Arcade, Charlotte, N. C.	C.E.	6-20-44	626
WORSHAM, STANLEY M., J. E. Serrine Company	P. O. Box 960, Greenville, S. C.	C.E.	9-23-48	1016
WORTHY, HOOD C., City Manager, City of Chester	City Hall, Chester, S. C.	C.E.	12-3-30	365
WRAY, WILLIAM J., Lockwood Greene Engrs., Inc.	Montgomery Bldg., Spartanburg, S. C.	C.E.	6-29-48	985
WRIGLEY, GEORGE, Partner, J. E. Serrine Co.	P. O. Box 960, Greenville, S. C.	M.E., E.E.	9-14-22	5
YOUNGBLOOD, A. B., Partner, Youngblood & Co.	518 Wappoo Drive, Charleston, 43, S. C.	L.S. C.E.	12-6-38 12-5-44	473

Deceased: B. R. Cowherd, Jr., T. H. Hardin, Paul H. Norcross, H. C. Hightower, Arthur G. Boozer, Nisbet Wingfield, Adlai Osborne, H. G. Jones, B. G. Langford, H. S. Jaudon, B. M. English, S. R. Flowers, J. L. Ludlow, R. T. Crawford, F. M. Reeves, Richard C. Rhett, Chas. C. Wilson, J. F. Sullivan, G. T. Ford, A. E. Legaré, Charles H. Moorefield, R. M. Evans, J. T. Kollock, C. P. Ballenger, H. Stribling, J. H. Dingle, T. C. Hamby, W. H. Miller, H. B. Humbert, G. D. Ryan, William G. Jones, Chas. S. Kirby, W. D. Neves, Harry T. Poe, Loran A. Keer, D. A. Hulick, H. R. Nettles, J. L. Parker, W. W. Miller, B. R. Linley, A. H. Patterson, J. H. McLure, Hiram H. Kester, O. B. Cannon, O. A. Bailey, G. P. Stedman, Jr., J. E. Serrine, L. Y. Dawson, Sr., J. E. Gibson, P. G. Gourdin, G. E. Shand, E. W. Klein, A. L. Brunson, J. O. Wright, T. A. Boykin, George T. Koch, J. F. Covington, R. M. Porter, A. T. S. Stoney, Wm. A. McKoy, F. R. Harris.

Roster of Registered Land Surveyors

Authorized to Practice Land Surveying in the State of South Carolina, as of August 1, 1949

Name and Position	Address	Certificate	
		Date	No.
ALLEN, ETHAN C., Pickell & Pickell	119 Cleveland St., Greenville, S.C.	9-23-48	1000
ALLEN, JOHN H., 2nd, C. & W. C. Rwy.	134 East Bay St., Charleston, S.C.	7-22-49	1097
ANDREWS, EDWARD G., Patchen & Zimmerman, Engrs.	Daniel Field Airport, Augusta, Ga.	7-22-49	1094
BAKER, ARLAND J.,	Box 304, Conway, S. C.	6-29-48	957
89 BEDENBAUGH, JACOB M.,	Prosperity, S. C.	6-29-48	958
BOYKIN, A. B., Land Surveyor	P. O. Box 53, Camden, S. C.	3-22-23	76
BRADHAM, PRESTON E., S. C. Highway Dept.	419 S. Graham St., Florence, S. C.	6-26-47	853
BREWER, RAYMOND G., Corps of Engrs., Clark Hill Dam	411 W. Forest Ave., N. Augusta, S. C.	6-20-44	618
BRINSON, J. OTTO, Brinson Constr. Co.	Box 572, Moncks Corner, S. C.	6-18-40	513
BROCKINGTON, JOHN D.	108 W. Church St., Kingstree, S. C.	11-19-48	1031
BROCKMAN, HOMER S.	P. O. Box 420, Greer, S. C.	6-29-48	959
BROWN, HARRISON M., Gair Woodlands Corp.	Box 607, Savannah, Ga.	6-27-46	747
BROWN, JULIAN D., Surveyor and Farmer	RFD, Johnsonville, S. C.	6-18-40	516

BRUCE, JAMES Q. Land Surveyor	Route 2, Campobello, S. C.	12-4-45	667
BYRD, MACK J., U. S. Public Health Service	Room 326, The Center Charleston, S. C.	6-27-46	751
CAMPBELL, RALPH K., J. E. Sirrine Company	P. O. Box 960, Greenville, S. C.	9-23-48	996
CANTELOU, GEORGE E., Jr.	Box "S," Edgefield, S. C.	12-3-47	910
CAUGHMAN, CARL D., Draftsman, Federal Land Bank	R.F.D. 4, Lexington, S. C.	6-29-48	960
CAUSEY, JAMES C.	608 Burroughs St., Conway, S. C.	6-26-47	854
CHRISTOPHER, JENNINGS B.	Route 2, Central, S. C.	9-23-48	1006
CHRISTOPHER, WILLIAM A.	Route 2, Union, S. C.	9-23-48	1010
CLARK, RICHARD S.	Chappells, S. C.	11-19-48	1030
COLEMAN, CHARLES S., U. S. Public Health Service	409 Wade Hampton Bldg., Columbia, S. C.	6-26-47	864
COTHRAN, M. L.	113 Market St., Timmonsville, S. C.	7-14-36	421
COURTNEY, MARION I.	900 Richland Ave., Aiken, S. C.	3-13-46	713
COWARD, FRED L., Alderman Flooring Co.	Box 886, Sumter, S. C.	7-13-37	439
COX, ISAAC B.	Apt. E-6, Gonzales Gardens, Columbia, 54, S. C.	1-27-49	1057
COX, SANFORD D., Sr.	Conway, S. C.	9-23-48	1020
COX, SANFORD D., Jr.	Conway, S. C.	6-29-48	961
CROUCH, DOUGLAS S., Piedmont Engrg. Service	141 River St., Greenville, S. C.	6-29-48	962

CULCLASURE, JACOB O., Jr., Instr., University of S. C.	638 M Avenue, West Columbia, S. C.	12-3-47	907
CULLUM, WILLIAM O., S. C. Aeronautics Comm.	P. O. Box 1176, Columbia, S. C.	12-4-45	666
CUMBOW, A. L., Jr., Land Surveyor and Real Estate Agent	242 Grove Terrace, Abingdon, Va.	7-22-49	1096
CUTHBERT, ROBERT B., West Va. Pulp & Paper Co.	Box 883, Summerville, S. C.	12-3-46	817
DALTON, ROBERT W., Dalton & Neves, Engrs.	423 S. Main St. Greenville, S. C.	12-2-47	916
DAWSEY, CYRUS B., Const. Supt., Stone Mfg. Co.	Cedar Mt., N. C.	6-26-46	740
DENNIS, EDWARD A., S. C. Public Service Auth.	Moncks Corner, S. C.	6-26-47	850
DIVVER, WILLIAM T.	509 E. Orr St., Anderson, S. C.	9-23-48	997
DOTTS, JOSEPH T., Jr., Gair Woodlands Corp.	Box 607, Savannah, Ga.	6-29-48	963
DUPRE, JOHN Y.	McClellanville, S. C.	6-18-40	517
EARLE, HARRY U.	Walhalla, S. C.	12-5-22	43
ELLIS, RALPH H.	Little River, S. C.	6-26-47	856
EMERSON, J. PAUL, 1st Lt., Corps of Engrs.	937th Engr. Avn. Group, MacDill Air Force Base, Tampa, Fla.	12-2-41	562
FETNER, A. HEYWARD, S. C. Electric & Gas Co.	P. O. Box 390, Columbia, S. C.	12-4-45	664
FINLEY, LESLIE L., Hydraulic Engr. P-1, U. S. Geological Survey	207 Creason Bldg., Columbia, S. C.	12-1-42	591
FLOYD, J. B., Floyd Bros., Inc.	221 Longstreet St., Kingstree, S. C.	12-7-37	452

FLOYD, M. H.	Norwood Ave., Rt. 3, Box 284-C, Savannah, Ga.	12-7-43	609
FOSTER, HENRY H., West Va. Pulp & Paper Co.	Box 883, Summerville, S. C.	12-4-45	669
FRASER, BENJAMIN P.	P. O. Box 204, Beaufort, S. C.	6-19-45	646
FRIPP, HARRY M., County Clerk and Land Surveyor	Walterboro, S. C.	12-4-45	668
GAILLARD, Wm. LUCAS, Gaillard & Gaillard	23 Broad St., Charleston, S. C.	12-7-37	453
GLADSTONE, SAMUEL M., Sr.	422 Hazard St., Georgetown, S. C.	12-4-45	661
GLENN, GEORGE R., J. E. Sirrine Co.	Box 960, Greenville, S. C.	6-26-47	865
GOOCH, JOSEPH H., Partner, Gooch & Taylor	102½ W. Dunbar St., Spartanburg, S. C.	7-10-34	397
GREEN, WILLIAM J.	216 Academy St., Kingstree, S. C.	1-27-49	1056
HAILE, JACK, J. A. Jones Const. Co.	121 Jersey Lane, Oak Ridge, Tenn.	3-13-46	711
HALFACRE, W. B., Land Surveyor	1315 Nance St., Newberry, S. C.	6-15-43	597
HALL, MARTIN W., N. W. Hall Co.	619 Greene St., Augusta, Ga.	7-22-49	1095
HARLESTON, FRANCIS M.	39 Broad St., Charleston, S. C.	6-21-38	468
HARPER, SAMUEL M.	Andrews, S. C.	9-23-48	1003
HARRELL, GRADY S., County Surveyor, Robeson County, N. C. Member, N. C. State Board of Registration for Engineers and Land Surveyors	RFD No. 1, Shannon, N. C.	6-19-45	645

HAY, E. G.	Walterboro, S. C.	3-22-23	237
HAZLEHURST, WILLIAM Y.	Forest Acres, Columbia, S. C.	3-13-46	703
HERNDON, CHARLES H., Jr., Project Engr., S. C. Highway Dept.	208 Moore St., Greenwood, S. C.	12-3-40	539
HILL, JAMES C.	141 River St., Greenville, S. C.	12-4-46	805
HILL, SAMUEL J. B., State Highway Dept.	Cross Hill, S. C.	6-25-47	863
HILL, WILLIAM B., Jr. International Paper Co.	2915-D Adams St., Wilmington, N. C.	6-27-46	744
HINSON, FRANK E.	622 S. Coits St., Florence, S. C.	3-13-46	705
HOLT, D. T.	Wateree, S. C.	3-22-23	126
HOWE, JAMES, Owner, James Howe Agency	57 Broad Street, Charleston, S. C.	12-3-47	913
HOWELL, WILLARD J., Lockwood Greene Engrs.	920 Montgomery Bldg., Spartanburg, S. C.	12-3-47	912
JACKSON, BUFORD	4915 Colonial Drive, Columbia, S. C.	12-3-46	810
JENNINGS, THOMAS S., Instructor, Univ. of S. C.	Box 189, Univ. of S. C., Columbia, S. C.	6-29-48	964
JONES, CHARLES M.	Box 177, Aiken, S. C.	3-13-46	712
JOYNER, A. NICHOLAS, Asst. City Engineer, City of Rock Hill	City Hall, Rock Hill, S. C.	6-27-46	745
KNOTH, ROBERT F., Owner, Robert F. Knott Co.	29 Broad St., Charleston, S. C.	6-18-40	514
LATHROP, HARRY F., Lightsey Brothers	Miley, S. C.	6-29-48	965
LELAND, WOODROW W., Surveying and Mapping	Box 548, Moncks Corner, S. C.	12-4-45	659

LESLIE, THOMAS J., Prof. of Math., Erskine College	Box 112, Due West, S. C.	12-6-38	472
LINDER, THOMAS T., Land Surveyor	R.F.D. No. 1, Spartanburg, S. C.	3-22-23	154
LOFTIS, D. N., Veteran Instr., Inman High School	Box 246, Inman, S. C.	9-23-48	1005
LOWN, ARDIS L.	West Columbia, S. C.	6-29-48	966
MARETT, ROBERT H., White & Marett	258 E. White St., Rock Hill, S. C.	12-2-41	563
MARTIN, S. MANER, Retired, Head Emeritus, Math Dept., Clemson College	Box 9, Clemson, S. C.	6-29-48	967
MARTIN, STEPHEN T., Professor	2004 College St., Newberry, S. C.	9-23-48	1002
MATHENY, WALKER H., Supt., Norfolk Dredging Co.	740 Medway Road, Charleston, S. C.	12-5-44	630
McLURE, JOHN W., Jr.	101 South Street, Union, S. C.	9-23-48	1001
McMEEKIN, ROBERT P.	Jenkinsville, S. C.	6-29-48	968
McMILLAN, CLAUDE R., Jr. Instructor	University of S. C., Columbia, S. C.	11-19-48	1034
METTS, WILLIAM T., State Highway Dept.	Box 551, Pickens, S. C.	12-3-47	914
MONROE, M. M.	Latta, S. C.	6-2-38	467
MOORE, HAROLD A.	15 Broad St., Charleston, S. C.	7-8-30	359
MORGAN, DAVIS S., Fairfield Forest Products Co.	Box "S", Edgefield, S. C.	12-3-47	911
MORGAN, J. PHILIP, Land Surveyor, Real Estate, Insurance	P. O. Box 11, Moncks Corner, S. C.	6-15-43	599
MORRIS, S. C.	Rt. 2, Conway, S. C.	12-5-33	389

MORRISON, H. T.	McClellanville, S. C.	3-22-23	166
MORROW, WILLIAM P.	Route 2,	9-23-48	1007
	Landrum, S. C.		
MOSS, S. DIBBLE	146 Church St., N.E.,	7-10-28	327
	Orangeburg, S. C.		
MYERS, CARL C.	Route 2,	9-23-48	1008
	Westminster, S. C.		
NUTTING, ERNEST	Box 51,	6-29-48	969
	Camden, S. C.		
ODELL, H. H.,	P. O. Box 302,	3-13-46	709
Soil Conservationist, USDA	Edgefield, S. C.		
PHERIGO, WILLIAM E.	Mt. Pleasant, S. C.	6-27-46	749
PHILLIPS, J. C.	Route 2,	3-13-46	708
	Warrenville, S. C.		
FLOWDEN, JOHN G.	Summertown, S. C.	6-26-47	858
POSTELL, JAS. A.,	Ravenel, S. C.	9-14-22	31
Land Surveyor			
POWELL, ERNEST M.,	Professional Building,	9-23-48	994
Soil Conservation Service	Marion, S. C.		
REAMES, MARK E.	Box D,	3-13-46	710
	Edgefield, S. C.		
RHOAD, ST. CLAIR	Bamberg, S. C.	7-8-30	336
RICHARDSON, DAVID L.,	Moncks Corner, S. C.	6-26-47	849
S. C. Public Service Auth.			
RICHARDSON, J. MAC,	City Hall,	6-15-43	598
Supt. of Streets, City of Greenville	Greenville, S. C.		
RIDDLE, WILLIAM J.	313 Palmetto Bldg.,	6-29-48	970
	Greenville, S. C.		
RUDISILL, JOHN H.,	4040 Trenholm Road,	6-26-46	741
Surveyor-Partner, Wingfield & Rudisill	Columbia, S. C.		
RUFF, DAVID C.,	819 Harden St.,	12-4-46	807
Columbia Engineering Co.	Columbia, S. C.		

SALLEY, CLYNCH T.
 State Highway Dept.
 SALLEY, G. MACKAY, Jr.,
 Land Surveyor
 SANDERS, J. O'HEAR, Jr.

 SAYERS, JOHN G., Jr.,
 Employers Mutual Ins. Co.
 SCOTT, WILLIAM M., Jr.,
 The McPherson Co.
 SENSENBACH, ROBERT L.

 SEXTON, WILLARD A.,
 West Va. Pulp & Paper Co.
 SHOOK, BOYD L.

 SMITH, JAMES R.,
 Soil Conservation Service
 SMITH, JOHN COKE

 SMITH, LEWIS J., Jr.
 U. S. Forest Service
 SMITH, NEELY J.,
 Engineering, Real Estate, Insurance
 SMITH, RAYMOND B.,
 Surveyor, International Paper Co.
 SMITH, T. J.,

 SNOOK, SAMUEL S.

 SOTTILE, SALVADOR V.,
 Construction Service Co., Inc.

c/o Central District Office Columbia, S. C.	6-29-48	971
Orangeburg, S. C.	12-7-37	454
411 Berckman Road, N. Charleston, S. C.	12-5-39	499
301 Owen Bldg., Columbia, S. C.	6-26-47	851
Easley, S. C.	6-26-47	874
P. O. Box 521, Ridgeland, S. C.	6-29-48	972
P. O. Box 883, Summerville, S. C.	6-19-45	644
733 Beaumont Ave., Ext., Spartanburg, S. C.	9-23-48	999
Montgomery Building, Spartanburg, S. C.	9-23-48	1004
P. O. Box 132, Easley, S. C.	6-29-48	974
Murphy, N. C.	6-29-48	975
Ridgeville, S. C.	12-3-40	538
P. O. Box 45, Eulonia, Ga.	3-22-23	214
238 N. Purdy St., Sumter, S. C.	3-22-23	211
P. O. Box 521, Walterboro, S. C.	12-4-45	660
10 Court House Square, Charleston, S. C.	12-3-46	806

SPARKS, CLAUDE E.
 STOUT, RALPH D.,
 Southern Mapping & Engrg. Co.
 STRAIT, JACOB F.
 SYKES, WILLIAM B.
 TATUM, JOHN M.
 TOOLE, S. PERRIN
 TURKETT, WARREN D.,
 Land Surveyor
 VINCENT, HENRY O.,
 Corps of Engrs., U. S. Army
 WATERS, BENJAMIN B., Jr.,
 Cunningham-Waters Construction Co.
 WELBORN, THOMAS M.,
 Asst. City Engr., City of Greenville
 WHITE, WILLIAM C.,
 White and Maret
 WILKES, DAWSON J.,
 State Highway Dept.
 WILLIAMS, HERMAN J.,
 West Va. Pulp & Paper Co.
 WILSON, MARVIN E., Jr.,
 Southern Railway Co.
 WILSON, P. B., Jr.
 WINGFIELD, WILLIAM,
 Surveyor-Partner, Wingfield & Rudisill
 WINTER, JAMES A.,
 Surveyor, Real Estate and Notary Public

Route 2, Union, S. C.	6-29-48	973
Box 1185, Greensboro, N. C.	6-17-41	549
Box 322, Lancaster, S. C.	12-3-47	908
Manning, S. C.	6-26-46	739
Bamberg, S. C.	6-29-48	976
Box 18, Aiken, S. C.	6-18-40	518
Soil Conservation Service Office, Lancaster, S. C.	6-27-46	748
P. O. Box 905, Charleston, S. C.	6-26-47	855
P. O. Box 325, Greer, S. C.	7-22-49	1098
City Hall, Greenville, S. C.	6-26-47	867
258 E. White St., Rock Hill, S. C.	11-19-48	1033
Darlington, S. C.	6-26-47	852
Box 832, Charleston, S. C.	9-23-48	995
P. O. Box 180, Charlotte, N. C.	6-26-47	857
Westminster, S. C.	12-4-45	663
4040 Trenholm Rd., Columbia, S. C.	6-27-46	752
307 Crayton St., Anderson, S. C.	3-22-23	227

WOOD, L. MARION	400 W. Buford St., Gaffney, S. C.	9-23-48	998
WRIGHT, JOHN T., International Paper Co.	Georgetown, S. C.	12-3-46	811
YOUNGBLOOD, GEORGE L., Partner, Youngblood & Co.	518 Wappoo Drive, Charleston, 43, S. C.	6-27-46	750
YOUORSKI, JOSEPH, Fairfield Forest Products Co.	Box 253, Newberry, S. C.	11-19-48	1032

Roster of Engineers-in-Training

Candidates for registration who have successfully passed the examination in fundamental engineering subjects prior to completion of the requisite years of experience in engineering work and have been enrolled as ENGINEERS-IN-TRAINING

Name and Position	Address	Certificate	
		Date	No.
ADAMS, JOHN HAROLD	11 Boyce Avenue, Greenville, S. C.	3-3-49	36
ASHE, HENRY BYRON, Southern Bell Tel. & Tel. Company	1610 Hurt Building, Atlanta, Ga.	3-3-49	41
BAKER, JOHN LEWIS	200 South Franklin, Salem, Illinois	7-12-49	72
BEATY, FRANK EWING, Jr., Westinghouse Electric Corp.	East Pittsburgh, Pa.	7-12-49	139
BECKER, MARION CHARLES	922 South Anna, Stuttgart, Ark.	7-12-49	111
BEISEL, GEORGE EDWARD, Jr.	1213 Muller Avenue., Columbia, S. C.	7-12-49	92
BENNETT, ALBERT DERRELL, Jr.	511 Butler St., Columbia, S. C.	7-12-49	58
BOUKNIGHT, MADISON MAYER	Rt. No. 1, Chappells, S. C.	1-27-49	18
BOYD, WILLIAM BARRON	317 Jones Ave., Greenville, S. C.	7-12-49	145
BREWTON, HERMAN BENJAMIN, Jr.	Lanier, Georgia	7-12-49	112
BRUCE, ALBERT CLAY	Route 4, Seneca, S. C.	3-3-49	43
BUTLER, JAMES OSCAR, Jr.	Route No. 2, Saluda, S. C.	7-12-49	82

BYRD, RICHARD EDWARD	5609 University Drive, Hyattsville, Md.	7-12-49	94
CADDELLE, COLIN EDWARD	1407 Chester Ave., Hartsville, S. C.	7-12-49	87
CAHALY, EDWARD CHARLES	410 Jones Ave., Greenville, S. C.	1-27-49	11
CARROLL, BEN O'DELL	50 Queen St., Charleston, S. C.	7-12-49	106
CARSON, LEWIS ASHTON, Jr.	P. O. Box 84, Beaufort, S. C.	7-12-49	105
CAUSEY, MALCOLM LANDER, Jr.	Furman, S. C.	7-12-49	124
CHALKER, DUMOND FOSTER	Box 96, Pendleton, S. C.	3-3-49	35
CLARK, EUGENE STEELE, Jr.	2820 Blossom St., Columbia, S. C.	7-12-49	71
CLARK, JACK, Jonson Service Co.	Greensboro, N. C.	7-12-49	77
CLARK, JOSEPH THOMAS, Sr.	8-C Ashley Homes, Charleston, S. C.	4-11-49	45
CLARK, RAY CHAPPELL	2820 Blossom St., Columbia, S. C.	7-12-49	68
CLAYTON, ROBERT MORRIS, Sr.	Route 1, Box 25, West Columbia, S. C.	7-12-49	161
CLERC, LOUIS HALE	2817 Duncan St., Columbia, S. C.	7-12-49	57
COBB, JAMES EDWARD	Route 1, Box 194, Gaffney, S. C.	7-12-49	65
COVINGTON, JOHN FLETCHER	Box 7, Clio, S. C.	7-12-49	152
CRAIG, EDWARD GASTON	Route 2, Rock Hill, S. C.	7-12-49	99
CREWZ, JOHN MORTON	D-2-C Carovet Apts., Columbia, S. C.	7-12-49	83

CROMER, PAUL ROY	R.F.D. 1, Lexington, S. C.	7-12-49	56
CRUMLEY, WINFRED HARVEY American Bridge Co.	Ambridge, Pa.	7-12-49	74
DANIELS, WARREN EARLE	1200 Oak Ave., Box 403, Sanford, Fla.	7-12-49	59
DARGAN, ARCHIE SHAW, Jr., J. P. Stevens & Co.	Dunean Mill, Greenville, S. C.	3-23-49	42
DAVIS, LESLIE R.	4626 Lake Park, Chicago, Ill.	7-12-49	168
DEMOS, NICHOLAS PETER	823 S. W. 4th St., Miami, Florida	1-27-49	33
DENT, CHARLES MARTIN, Jr.	Apt. L-9, Gonzales Gardens Columbia, S. C.	7-12-49	67
DERRICK, CALVIN BAUKNIGHT	950 Rutledge Ave., Charleston, 31, S. C.	1-27-49	14
DERRICK, NELSON JOSEPH	3601 Phillips St., Columbia, S. C.	7-12-49	64
DOUGLAS, ROBERT SAMUEL, Jr.	25 Lenox St., Charleston, S. C.	7-12-49	122
EASTERLING, JASPER T., Jr.	3507 Abingdon Rd., Columbia, S. C.	7-12-49	63
ELLIS, JAMES RICHARD	527 W. Belmar, Lakeland, Fla.	7-12-49	180
ENSMINGER, ROBERT LESLIE	541 Clarence Ave., Oak Park, Illinois	7-12-49	108
EVANS, WADE BUTLER	2116 Marion St., Columbia, S. C.	1-27-49	29
FALKENBURY, STEPHEN DOUGLAS, Jr.	301 Rockland Ave., Staten Island, 6, N. Y.	4-11-49	51
FARESS, JOSEPH JAMES	408 Vardry St., Greenville, S. C.	1-27-49	12

FARMER, JOSEPH ANDREW, Jr.	1115 East River St., Anderson, S. C.	7-12-49	169
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GABRIEL, PAUL LAMONT, Jr.	The Citadel, Charleston, S. C.	4-11-49	50
GAINES, SIDNEY CAVE M. L. Gaines, Inc.	2307 Devine St., Columbia, S. C.	1-27-49	15
GAINES, WILLIAM ARTHUR, Jr.	Box 245, Central, S. C.	7-12-49	144
GAULDEN, DANIEL HARLEY, Jr.	653 E. Main, Rock Hill, S. C.	3-3-49	38
GILL, CHARLES WAYMON	1015 Marion St., Columbia, S. C.	7-12-49	98
GODBOLD, WARREN B.	307 Gibson St., Marion, S. C.	7-12-49	86
GONZALEZ, FRANCISCO C.	702 So. Edison, Tampa, Florida	4-11-49	52
GOODMAN, JESSE STRIBLING, Jr.	Box 588, Clemson, S. C.	7-12-49	163
GOODMAN, STANLEY O.	310 East 51st Street, Brooklyn, New York	1-27-49	31
GOODWIN, WILLIAM THOMAS Economy Electric	Apt. 35, Bldg. 24, Morris Field, N. C.	7-12-49	148

GRAHAM, IRWIN PATTON, Jr.	22 Woodvale Ave., Greenville, S. C.	7-12-49	109
GRAHAM, JOHN AVERILL, Jr., Corps of Engineers	P. O. Box 905, Charleston, S. C.	7-12-49	130
GRAHAM, LAURENS RAGSDALE Southern Bell Tel. & Tel. Co.	826 Laurens St., Columbia, S. C.	1-27-49	9
GRAMLING, CLARENCE SMITH	Route 2, Box 74, Orangeburg, S. C.	7-12-49	149
GREGORY, THOMAS LEON	5025 Colonial Drive, Columbia, S. C.	7-12-49	101
HAGOOD, BENJAMIN AMBLER	16 Legare St., Charleston, S. C.	4-11-49	46
HAMMOND, DEAN CRAIN	2809 Duncan St., Columbia, 61, S. C.	1-27-49	19
HARPER, FRANCIS GERALD	416 Calhoun St., Anderson, S. C.	7-12-49	159
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HAWLEY, MATTHEW RAYMOND	3407 River Drive, Columbia, S. C.	1-27-49	13
HAY, EUGENE GORDON	Box 842, Charleston, S. C.	7-12-49	175
HAYNES, WILLIE B.	B-2-F Carovet Apts., Columbia, S. C.	1-27-49	26
HERIOT, ROBERT LAROCHE, Jr.	1600 Pendleton St., Columbia, S. C.	1-27-49	25
HILDEBRAND, RICHARD DAVID, Jr.	104 Kimberly Ave., Asheville, N. C.	7-12-49	121
HEAPE, JAMES NAPOLEON, Jr., Southern Bell Tel. & Tel. Co.	Raleigh, N. C.	7-12-49	151
HILLER, FREDERICK RHION, Jr., S. C. Highway Dept.	Calhoun Office Bldg., Columbia, S. C.	7-12-49	70

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KAVEN, WILBUR V.	P. O. Box 960,	7-12-49	118
KENDALL, JACK SPRUILL Allstates Constructors, Inc.	Greenville, S. C.	7-12-49	7
KHARE, FRANK CORNELIUS	269 W. Hampton Ave.,	4-11-49	48
KIVETT, ROGER GENTRY	Spartanburg, S. C.	7-12-49	174
KLINCK, PHILIP Allstates Constructors, Inc.	Box 374,	1-27-49	8
KNOPF, JINAT JONATHAN, Jr.	Graniteville, S. C.	7-12-49	116
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LAHEY, GORDON CYRIL, Jr.	Greenville, S. C.	7-12-49	30
	143 Moultrie St.,	1-27-49	
	Charleston, S. C.	7-12-49	
	208 Jackson Avenue,	7-12-49	
	North Augusta, S. C.	7-12-49	
	4 Tradd St.,	7-12-49	
	Charleston, S. C.	7-12-49	
	210 Walnut St.,	7-12-49	
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	Augusta, Ga.	7-12-49	
	Fairfax, S. C.	7-12-49	
	146 South Battery,	7-12-49	
	Charleston, 21, S. C.	7-12-49	
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LANDGRAF, LESTER PHILLIPS	954 Magnolia Ave., Panama City, Florida	7-12-49	172
LEBEAU, DONALD EDWARD	R.F.D., Cheshire, Mass.	7-12-49	110
LEE, RICHARD MENDEL	2310 Park St., Columbia, S. C.	7-12-49	62
LESEMANN, JACK J.	139 So. Battery, Charleston, S. C.	7-12-49	128
LETELLIER, CARROLL NANCE	The Citadel, Charleston, S. C.	4-11-49	44
LINDSEY, JAMES LOUIS	Route 2, Box 300, John's Island, S. C.	7-12-49	131
LYNCH, JOE WILBUR, Jr.	Box 192, Fairforest, S. C.	7-12-49	104
MARCHANT, JULIAN MILLEDGE Owen Steel Co.	P. O. Box 694, Columbia, S. C.	7-12-49	55
MARTIN, BEN HAMILTON, Jr.	106 South A St., Easley, S. C.	7-12-49	129
MASON, WILLIAM DEWEY, Jr.	Route 5, Box 283-B, Roanoke, Va.	7-12-49	126
MAYER, BARRY M., Jr.	35 Beacon Hill Rd., Port Washington, N. Y.	7-12-49	119
McALHANEY, JACOB WRIGHT	202 Spring St., Fort Mill, S. C.	1-27-49	27
McCALLEY, GRAY	4205 Blossom St., Columbia, 39, S. C.	1-27-49	2
McCOY, BILLY JONES	1261 E. North St., Greenville, S. C.	7-12-49	160
McGEE, JAMES PRATHER	332 West Cambridge St., Greenwood, S. C.	7-12-49	69
MILLAR, RALPH ELLIOTT, Jr.	P. O. Box 11, Citadel Stn., Charleston, S. C.	7-12-49	102

MILLER, DAN FRANK, Jr.,
M. B. Kahn Construction Co.

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MOORE, ALONZO RENFROE

MOORE, HAL IVAN

MORRISON, EUGENE JOSEPH

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Instructor of C. E.

OLIVER, JOHN STANLEY

O'NEILL, ALOYSIUS MOULTRIE, Jr.

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Charleston, S. C.

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Greeleyville, S. C.

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PRICE, JAMES TALMADGE	Route 1, Starr, S.C.	7-12-49	162
RACKLEY, BENTON TIBUREE, Jr.	1110 Park Ave., Aiken, S. C.	1-27-49	28
REYNOLDS, HARRY GRAHAM	P. O. Box 95, Greenwood, S. C.	9-23-48	1
RICHARDSON, LeGRAND	Columbia, S. C.	7-12-49	91
RICHBOURG, BENNIE FLADGER, Jr.	Summerton, S. C.	7-12-49	170
RIPLEY, JOHN LaBREE	104 Cannon St., Charleston, S. C.	7-12-49	117
RIVERS, JAMES D.	Route 2, Chesterfield, S. C.	3-3-49	37
ROGERS, ALEXANDER SPARKS	109 Parsonage St., Bennettsville, S. C.	7-12-49	107
ROGERS, CRANSTON ROBINSON	222 E. Yale Ave., Orlando, Florida	7-12-49	115
ROGERS, WILLIAM SHIRLEY	285 S. Converse St., Spartanburg, S. C.	7-12-49	61
ROMANOSKY, JOHN EDWARD, Corps of Engineers, U. S. Army	P. O. Box 905, Charleston, S. C.	7-12-49	132
RUBENSTEIN, MORRIS BERNARD	Eastover, S. C.	7-12-49	127
RUSH, JAMES SEIGLER, Owen Steel Co.	801 Blossom St., Columbia, S. C.	7-12-49	54
RUSSELL, BERNARD JAMES	Box 261, Lynn Haven, Florida	7-12-49	84
SANDEL, JACK ALFRED	Box 1192, Greenville, S. C.	7-12-49	156
SCHATZ, HENRY CHARLES, Jr.	1715 Senate St., Columbia, S. C.	1-27-49	24

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SELLERS, WORTH THOMAS Walker Laboratory	2024 Blanding St., Columbia, S. C.	6-6-49	53
SHOOLBRED, AUGUSTUS WAITE, Jr.	1000 Laurens Street, Columbia, S. C.	7-12-49	176
SIMPSON, DAVID NORRIS	418 Westview Ave., Anderson, S. C.	7-12-49	155
SIMS, JOHN MALLORY, Jr.	Box 597, Marianna, Florida	7-12-49	125
SMITH, MATTHIAS JOHN	232 East Jamaica Ave., Valley Stream, New York	7-12-49	120
SMITH, ROY EDWIN	5 Stratham, Greenville, S. C.	7-12-49	143
SPONG, ERNEST MAYE, Jr.	P. O. Box 934, Columbia, S. C.	1-27-49	5
STAUB, BLAKE JOHN	Tucapau, S. C.	7-12-49	93
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SUMWALT, ROBERT LLEWELLYN, Jr.	733 Sweetbriar Road, Columbia, S. C.	7-12-49	66
SWEENEY, HALE CATERSON	207 Roberts St., Anderson, S. C.	7-12-49	135
SWYGERT, HAROLD BARRETT, Jr.	913 Laurens Road, Greenville, S. C.	7-12-49	137
TAYLOR, KENNETH L., Plowden Steel Co.	P. O. Box 633, Columbia, S. C.	1-27-49	21

TEWKESBURY, ALAN MATTHEW, III	Fauberg St., Aiken, S. C.	3-3-49	39
THIEKER, FORREST HENRY, Jr., Southern Bell Tel. & Tel. Co.	809 Owen Building, Columbia, S. C.	7-12-49	146
THOMPSON, GARRIS ARCHIBALD, Jr.	R.F.D. 5, Sumter, S. C.	7-12-49	179
THOMPSON, LEWIS PATTERSON, Jr.	1600 Pendleton St., Columbia, S. C.	7-12-49	95
TIMMONS, JAMES KENNETH	Box 53, Piedmont, S. C.	3-3-49	40
TREWHELLA, STEPHEN WILLIAM Shakespeare Co.	Box 5207, Five Points, Columbia, S. C.	7-12-49	76
ULMER, CARL OLIVER, State Highway & Public Works Comm.	Raleigh, N. C.	7-12-49	178
WAGNER, NORMAN P., Duke Power Co.	Box 158, Cliffside, N. C.	7-12-49	134
WARD, WILLIAM ANDREW	Box 479, Darlington, S. C.	7-12-49	158
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WEBB, CHARLES	321 King Street, Beaufort, S. C.	7-12-49	164
WHETSTONE, MICHAEL KNOTTS Plowden Company	P. O. Box 633, Columbia, S. C.	1-27-49	22
WILDS, ARTHUR BRIDGMAN Dixie Engineering Co.	1825 Gadsden St., Columbia, S. C.	7-12-49	89
WILDS, SAMUEL HUGH Owen Steel Co.	801 Blossom St., Columbia, S. C.	7-12-49	60
WILLIAMS, CHARLES EDGAR, Jr., McKoy-Helgerson Co.	Box 25, Greenville, S. C.	1-27-49	4
WILSON, GARRETT EDWARD	112 Linn Hill Ct., Peoria, Illinois	7-12-49	114

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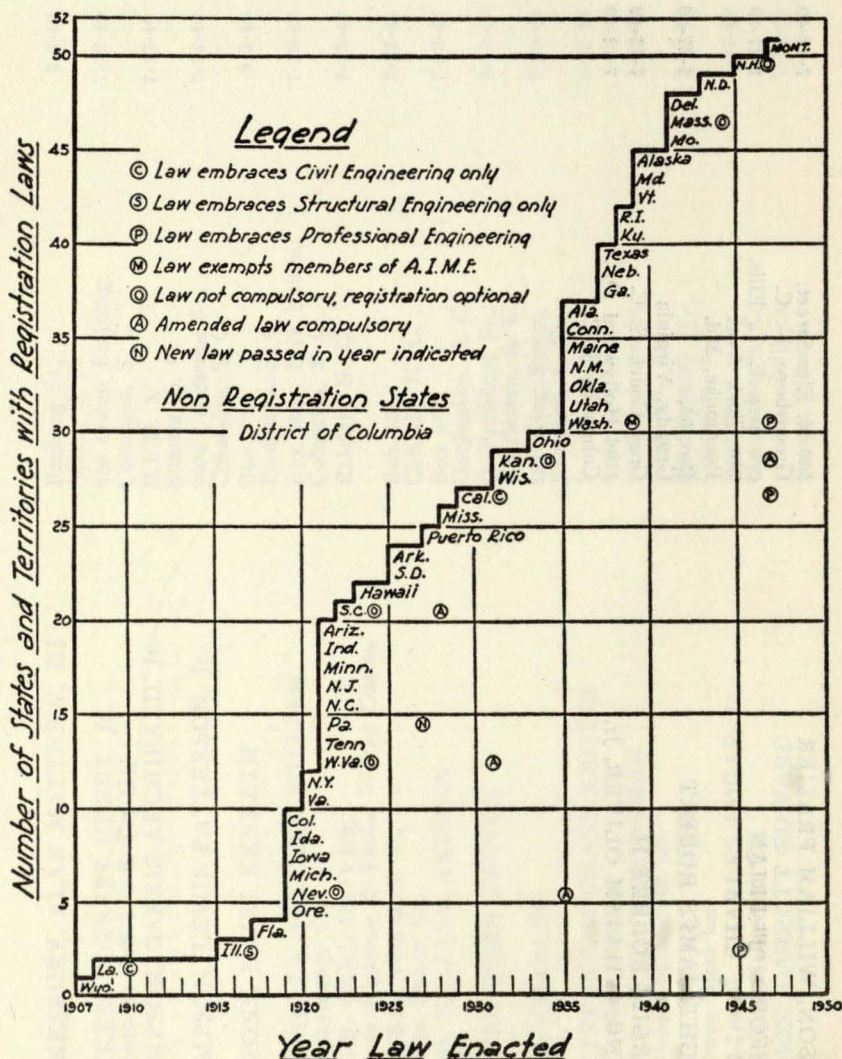


Chart of Progressive History of Engineer Registration
in the United States of America

National Council of State Boards of Engineering Examiners Chart Showing Number of Registered Engineers by Years

